

KENTUCKY STATE  
UNIVERSITY  
CATALOGUE 1990-92



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Published by  
Kentucky State University  
Frankfort, Kentucky

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*Kentucky State University is an Equal Opportunity/Affirmative Action Institution*

This Catalogue provides information to the student or prospective student of Kentucky State University concerning programs and services available at the time it was published. It offers an accurate-as-possible presentation of the kinds of offerings the student may expect to find at Kentucky State University, but curricula, courses, degree requirements, fees, and policies are subject to constant review. Specific details may vary from the statements printed here without further notice.



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# ACCREDITATION

Kentucky State University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award degrees at the associate, baccalaureate, and master's levels.

Credits earned at Kentucky State University are accepted by other accredited institutions of higher education throughout the country for transfer credit, graduate study, professional placement, and employment opportunities. The University also holds full membership in and/or accreditation from the following state, regional, and national educational or professional organizations:

*American Assembly of Collegiate Schools of Business*  
*American Association for Higher Education*  
*American Association of Colleges for Teacher Education*  
*American Association of Collegiate Registrars and Admissions Officers*  
*American Association of State Colleges and Universities*  
*American College Health Association*  
*American Council on Education*  
*American Dietetic Association*  
*American Home Economics Association*  
*American Library Association*  
*Association of American Colleges*  
*Association of College and University Auditors*  
*Association of Collegiate Business Schools and Programs*  
*Association of Gerontology in Higher Education*  
*Association of Governing Boards of Universities and Colleges*

*College Entrance Examination Board*  
*Council for Adult and Experiential Learning*  
*Council for the Advancement and Support of Education*  
*Council on Social Work Education*  
*Kentucky Academy of Science*  
*Kentucky Board of Nursing*  
*Kentucky Council for International Education*  
*Kentucky Council of Associate Degree Nursing*  
*Kentucky Department of Education*  
*National Academy of Early Childhood Programs*  
*National Association for Equal Opportunity in Higher Education*  
*National Association of Colleges and University Business Officers*  
*Nation Association of Schools of Music*  
*National Association of Schools of Public Affairs and Administration*  
*National Association of State Universities and Land Grant Colleges*  
*National Association of Student Financial Aid Administrators*  
*National Business Education Association*  
*National Collegiate Athletic Association*  
*National Committee for Cooperative Education*  
*National Council for Accreditation of Teacher Education*  
*National League for Nursing*  
*Southern Council of Collegiate Education for Nursing*





# UNIVERSITY ACADEMIC CALENDAR

## FALL SEMESTER 1990

April 9	Monday — Preregistration for fall semester begins
April 27	Friday — Preregistration for fall semester ends
August 13-17	Monday-Friday — Registration for non-degree and part-time students only
August 17	Friday — Registration for new degree-seeking students
August 20-22	Monday-Wednesday — Continuing students register or complete registration according to the beginning letter of last name Monday — A thru I Tuesday — J thru R Wednesday — S thru Z
August 23	Thursday — Classes begin
August 31	Friday — Last day of late registration Friday — Last day to change P/F grade option Friday — Last day to add/change registration
September 3	Monday — Academic holiday (Labor Day)
September 21	Wednesday — Last day to submit Application for Degree Fall 90
September 28	Friday — Last day to drop classes or withdraw from the University and receive a "W"
October 15-20	Monday-Saturday — Midterm Examinations
October 27	Saturday — Homecoming
November 2	Friday — Last day to drop classes or withdraw from the University with a "WP" or "WF"
November 5	Monday — Preregistration for spring semester begins
November 21	Wednesday — Thanksgiving holiday begins at noon
November 26	Monday — Classes resume
November 30	Friday — Preregistration for spring semester ends

December 10-15	Monday-Saturday — Final examinations
December 12	Wednesday — Reading Day (no exams except for Wednesday evening classes)
December 13-14 & 17-19	Thursday-Friday Monday-Wednesday — Spring registration for non-degree and part-time students only
December 15	Saturday — Semester ends
December 17	Monday — All grades due in the Office of Records, Registration, and Admissions not later than 12:00 noon

## SPRING SEMESTER 1991

November 5	Monday — Preregistration for spring semester begins
November 30	Friday — Preregistration for spring semester ends
December 13-14 & 17-19	Thursday-Friday Monday-Wednesday — Spring registration for non-degree and part-time students only
January 7-9	Monday-Tuesday — New student orientation
January 7-9	Monday-Wednesday — Continuing students register or complete registration according to the beginning letter of last name Monday — S thru Z Tuesday — A thru I Wednesday — A thru R
January 8	Tuesday — Registration for new degree-seeking students
January 10	Thursday — Classes begin
January 18	Friday — Last day of late registration Friday — Last day to change P/F grade option Friday — Last day to add/change registration
January 21	Monday — Academic Holiday (Observance of Martin Luther King, Jr.'s Birthday)

February 8	Friday — Last day to submit Application for Degree Spring 91
February 15	Friday — Last day to drop classes or withdraw from the University and receive a "W"
February 18	Monday — Academic Holiday (Observance of President's Day)
March 4-9	Monday-Saturday — Midterm examinations
March 11-15	Monday-Friday — Spring vacation
March 22	Friday — Last day to drop classes or withdraw from the University with a "WP" or "WF"
April 8	Monday — Preregistration for summer session and fall semester begins
April 26	Friday — Preregistration for summer session and fall semester ends
May 4	Saturday — Last day of classes
May 4-10	Saturday-Friday — Final examinations
May 8	Wednesday — Reading Day (no exams except for Wednesday evening classes)
May 10	Friday — Semester ends
May 11	Saturday — Commencement Convocation
May 13	Monday — All grades due in the Office of Records, Registration, and Admissions not later than 12:00 noon

## SUMMER SESSION 1991

April 8	Monday — Preregistration for summer session begins
April 26	Friday — Preregistration for summer session ends
May 31	Friday — Registration for summer session
June 3	Monday — Classes begin
June 5	Wednesday — Last day of late registration Wednesday — Last day to change P/F grade option

June 14	Friday — Last day to submit Application for Degree Summer 91
June 19	Wednesday — Last day to drop classes or withdraw from the University and receive a "W"
June 27-29	Thursday-Saturday — Midterm examinations
July 4	Thursday — Academic holiday (Observance of Independence Day)
July 9	Tuesday — Last day to drop classes or withdraw from the University with a "WP" or "WF"
July 25-27	Thursday-Saturday — Final examinations
July 27	Saturday — Session ends
July 29	Monday — All grades due in the Office of Records, Registration, and Admissions not later than 12:00 noon

## FALL SEMESTER 1991

April 8	Monday — Preregistration for fall semester begins
April 26	Friday — Preregistration for fall semester ends
August 12-16	Monday-Friday — Registration for non-degree and part-time students only
August 14-16	Wednesday-Friday — New student orientation
August 19-21	Monday-Wednesday — Continuing students register or complete registration according to beginning letter of last name Monday — J thru R Tuesday — S thru Z Wednesday — A thru I
August 16	Friday — Registration for new degree-seeking students
August 22	Thursday — Classes begin



August 30	Friday — Last day of late registration	November 29	Friday — Preregistration for spring semester ends
	Friday — Last day to change P/F grade option	December 12-13 & 16-18	Thursday-Friday Monday-Wednesday — Spring registration for non-degree and part-time students only
	Friday — Last day to add/change registration	January 6-7	Monday-Tuesday — New student orientation
September 2	Monday — Academic holiday (Labor Day)	January 6-8	Monday-Wednesday — Continuing students register or complete registration according to beginning letter of last name Monday — A thru I Tuesday — J thru R Wednesday — S thru Z
September 20	Friday — Last day to submit Application for Degree Fall 91	January 7	Tuesday — Registration for new degree-seeking students
September 27	Friday — Last day to drop classes or withdraw from the University and receive a "W"	January 9	Thursday — Classes begin
October 12	Saturday — Homecoming	January 17	Friday — Last day of late registration
October 14-19	Monday-Saturday — Midterm examinations		Friday — Last day to change P/F grade option
November 1	Friday — Last day to drop classes or withdraw from the University with a "WP" or "WF"	January 20	Monday — Academic holiday (Observance of Martin Luther King, Jr.'s Birthday)
November 4	Monday — Preregistration for spring semester begins	February 7	Friday — Last day to submit Application for Degree Spring 92
November 20	Wednesday — Thanksgiving holiday begins at noon	February 14	Friday — Last day to drop classes or withdraw from the University and receive a "W"
November 25	Monday — Classes resume	February 17	Monday — Academic Holiday (Observance of President's Day)
November 29	Friday — Preregistration for spring semester ends	March 2-7	Monday-Saturday — Midterm examinations
December 7	Saturday — Last day of classes	March 9-13	Monday-Friday — Spring vacation
December 9-14	Monday-Saturday — Final examinations	March 20	Friday — Last day to drop classes or withdraw from the University with a "WP" or "WF"
December 10	Tuesday — Academic holiday (Gubernatorial Inauguration)	April 6	Monday — Preregistration for summer session and fall semester begins
December 11	Wednesday — Reading Day (no exams except for Wednesday evening classes)	April 24	Friday — Preregistration for summer session and fall semester ends
December 12-13 & 16-18	Thursday-Friday Monday-Wednesday — Spring registration for non-degree and part-time students only	May 2	Saturday — Last day of classes
December 14	Saturday — Semester ends		
December 16	Monday — All grades due in the Office of Records, Registration, and Admissions not later than 12:00 noon		
<b>SPRING SEMESTER 1992</b>			
November 4	Monday — Preregistration for spring semester begins		

May 2-8	Saturday-Friday — Final examinations	June 12	Friday — Last day to submit Application for Degree Summer 92
May 6	Wednesday — Reading Day (no exams except for Wednesday evening classes)	June 17	Wednesday — Last day to drop classes or withdraw from the University and receive a "W"
May 8	Friday — Semester ends	June 25-27	Thursday-Saturday — Midterm examinations
May 9	Saturday — Commencement Convocation	July 3	Friday — Academic holiday (Observance of Independence Day)
May 11	Monday — All grades due in the Office of Records, Registration, and Admissions not later than 12:00 noon	July 6	Monday — Last day to drop classes or withdraw from the University with a "WP" or "WF"
<b>SUMMER SESSION 1992</b>			
April 6	Monday — Preregistration for summer session begins	July 23-25	Thursday-Saturday — Final examinations
April 24	Friday — Preregistration for summer session ends	July 25	Saturday — Session ends
May 29	Friday — Registration for summer session	July 27	Monday — All grades due in the Office of Records, Registration, and Admissions not later than 12:00 noon
June 1	Monday — Classes begin		
June 3	Wednesday — Last day of late registration		
	Wednesday — Last day to change P/F grade option		
	Wednesday — Last day to add/change registration		



# A LETTER FROM THE PRESIDENT

One's philosophy of education forms the foundations for educational attainment. I encourage all students to develop a philosophy that is eclectic in nature, ever-evolving in form and substance, and based on the premise that education is a life-long enterprise. Recognize, however, that it is shaped, influenced, and developed by the myriad formal and informal experiences through which we pass.

Any person's educational philosophy would benefit if imbued with ideas derived from Alfred North Whitehead's discussion of "Universities and Their Function" in his work *The Aims of Education*:

The justification for a university is that it preserves the connection between knowledge and the zest for life, by uniting the young and the old in the imaginative consideration of learning . . . . . The task of a university is to weld together imagination and experience . . . . . The proper function of a university is the imaginative acquisition of knowledge . . . . . A university is imaginative or it is nothing—at least nothing useful . . . . . The whole art in the organization of a university is the provision of a faculty whose learning is lighted up with imagination . . . . . The whole point of a university, in its educational side, is to bring the young under the intellectual influence of a band of imaginative scholars . . . . . There can be no escape from proper attention to the conditions which . . . will produce such a band.

Such a philosophy requires that Kentucky State University take into account that the students of the University, as we know them today and as time moves us into the twenty-first century, are older, often heads of households, increasingly minority, and increasingly part-timers with a style of learning and experiential knowledge base that demands a different style of teaching and new imagination. The University also takes into account the changes which have been wrought on this environment by technology: computer-aided instruction and learning, interactive video, VCR's, cable television, image processing, laser disks, and technology's ever-increasing impact on creating and eliminating careers and options. Further, technology has an ever-increasing impact on the amount of knowledge in the world, our ability to keep pace with and impart that knowledge, and most importantly, the ability of our students to absorb the



knowledge we are able to impart. These are important considerations in the University's efforts to provide educational experiences that meet the expectations of its students.

It is my vision that Kentucky State University, because of its historical past, changing present, and consistent with its mission, will boldly do what no other institution has done before by continuing to build and educational community that is truly "unique" in terms of what it does for and to all who seek its educational programs and services. It is my vision that Kentucky State University will be the "unique model" for all other institutions in the Commonwealth and the nation. It will be so in the way it deals with its history, its present, and its cultural diversity in educating its students by focusing on their needs and capitalizing on the intrinsic value that diversity brings to this community.

Sincerely,

John T. Wolfe, Jr.  
President

# THE UNIVERSITY: A HISTORY OF PUBLIC SERVICE

## MORE THAN A CENTURY OF EXCELLENCE IN HIGHER EDUCATION

From its modest beginnings as a small normal school for the training of black teachers for the black schools of Kentucky, Kentucky State University has grown and evolved to become the state's unique liberal studies university, serving students without regard to their race, age, sex, national origin, or economic status. In addition to instruction, research and public service have come to have important, although secondary, emphases at the University.

The University was chartered in May, 1886 as the State Normal School for Colored Persons, only the second state-supported institution of higher learning in Kentucky. The 4,000 residents of Frankfort, many of whom had vivid recollections of the Civil War and who were swept up in the euphoria of the city's centennial celebrations in 1886, were keenly interested in having the new institution located in their town. Toward that end, the city donated \$1,500 — a considerable amount in 1886 dollars — and a site on a scenic bluff overlooking the town. This united display of community enthusiasm and commitment won the day: The new college was located in Frankfort, in spite of competition from several other cities.

In 1887 Recitation Hall (now Jackson Hall), the college's first building, was erected. With John H. Jackson as president, the new school opened on October 11 of that year with three teachers and 55 students.

In 1890 the institution became a land-grant college, and the departments of home economics, agriculture, and mechanics were added to the school's curriculum. The school produced its first graduating class of five students in the spring of that year. A high school was organized in 1893. This expansion continued into the twentieth century in both name and program. In 1902 the name was changed to Kentucky Normal and Industrial Institute for Colored Persons. The name was changed again in 1926 to Kentucky State Industrial College for Colored Persons. In the early 1930s the high school was discontinued, and in 1938 the school was named the Kentucky State College for Negroes. The term "for Negroes" was dropped in 1952. Kentucky State College became a university in 1972, and in 1973 the first graduate students enrolled in its School of Public Affairs.

Over the past 25 years the University's enrollment and faculty have more than doubled, and 25 new structures or major building expansions have been added to Kentucky State University's 475-acre campus, which includes a 167-acre agricultural research farm.

The year 1986 marked the University's centennial anniversary and its having evolved over the previous century into a coeducational, liberal arts institution and its coming to be a reflection of the societal and political changes that have occurred in the United States during the past 100-plus years.

Kentucky State University is the smallest of Kentucky's public universities with an enrollment of approximately 2,200 students and some 120 full-time instructional faculty members. During the fall, 1989 semester, the University's faculty and students fell into the following categories, which show how substantially racially balanced Kentucky State University is today:

Students	
61.1%	full-time
38.9%	part-time
77.1%	residents of Kentucky
22.9%	non-Kentucky residents
1.5%	foreign
45.7%	black
51.9%	white
.9%	other
Faculty	
24.4%	black
63.4%	white
12.2%	Asian

Kentucky State University today has 32 campus structures to serve its family, nine of which are used for instructional purposes. Many courses are taught each school year in off-campus classes throughout Franklin and surrounding counties. The University's student-faculty ratio (approximately 13:1) is the lowest among public institutions of higher learning in Kentucky.

Today's students have the opportunity to receive associate (two-year) degrees in nine disciplines, baccalaureate (four-year) degrees in 26 disciplines — several of which have optional specializations — and the Master of Public Administration degree. Students may also elect to prepare for professional schools through the University's arrangements with the Univer-



sity of Kentucky, the University of Louisville, the University of Maryland at College Park, Vanderbilt University, Florida A & M University, Northern Kentucky University, Auburn University, Tuskegee University, the Southern College of Optometry (Memphis), the University of Houston, and the University of Alabama-Birmingham.

### THE UNIQUENESS OF KENTUCKY STATE UNIVERSITY

Over the years Kentucky State University's mission and its academic emphasis have changed many times. Teacher training, agricultural and vocational training, industrial training, liberal arts education, and others are a part of the institution's past. By the mid-1970s, Kentucky State University had become a small comprehensive university.

Seeking to develop a unique role, an unduplicated mission, and a special niche for Kentucky State University among Kentucky's public institutions of higher learning, the University and the Kentucky Council on Higher Education jointly developed a new mission for the institution in 1982:

*Kentucky State University shall serve as a residential institution with a range of traditional collegiate programs appropriate to its role as the unique, small, liberal studies institution with the lowest student-faculty ratio in the state system. The University shall focus on the needs of its student body, which includes but is not limited to full-time and part-time residential students, commuting students from its primary service area, and state governmental employees; and on the expanding instruction, applied research and service needs of state government. Associate and baccalaureate degree programs should be oriented toward liberal studies, selected career opportunities related to state governmental services and related human and public services.*

*At the master's degree level, the University should emphasize public administration curricula to meet the needs of state government. These programs should be carefully articulated with related doctoral programs offered by the doctoral-granting institutions in the system. Other graduate offerings should be provided through a multi-institutional graduate education center administered by Kentucky State University.*

*Kentucky State University, as one of two land grant institutions in the system, should carry out its responsibilities under federal law and participate fully in appropriate U.S. Department of Agriculture programs, placing emphasis on activities that are in accord with the mission of the institution.*

*Kentucky State University should strive to become a major repository for the collection of books, records, and artifacts relative to its history in educating black citizens of the Commonwealth and should make such materials available for casual and scholarly study.*

Since July 1, 1982, Kentucky State University has steadily progressed in achieving its new mission.

In fall semester 1983, newly developed Liberal Studies Requirements were implemented. These courses provide a coherently structured educational foundation for every student seeking a baccalaureate degree from the University. At the heart of the Liberal



Studies Requirements curriculum is an innovative sequence of courses called Integrative Studies. The courses, taught by the seminar method, address fundamental issues in the fine arts, literature, history, philosophy, political theory, and the history of science. Additional departmental courses in art, music, composition, and world civilization provide students with a solid background in the traditional humanities. Also included in the Liberal Studies Requirements are courses in speech, mathematics, and foreign languages. Finally, students are required to undertake work in the areas of the behavioral and social sciences, the natural sciences, and in health education or physical education activity courses. In keeping with its new educational mission, Kentucky State University has the most comprehensive program of general education requirements of any of the Commonwealth's public institutions of higher learning.

One of the most exciting and far-reaching changes in the University in recent years was the establishment of the Whitney M. Young, Jr. College of Leadership Studies. The College and its unique program, begun in fall, 1983, are modeled after the distinctive program

of "Great Books" at St. John's College in Annapolis, Maryland, and Sante Fe, New Mexico. The Whitney M. Young, Jr. College of Leadership Studies program has brought unique intellectual stature to Kentucky State University. Details of this program may be found elsewhere in this Catalogue.

A further development has in recent years attracted additional numbers of students who are serious about education. Beginning with the 1985 graduating class, three percent of the openings in Kentucky's publicly-supported law, dental, and medical schools have been made available to Kentucky State University graduates who are Kentucky residents. Under the agreement between the University and the other institutions, Kentucky State University graduates have a singular opportunity to pursue professional education.

Kentucky State University's new educational mission, though centered on degree programs that emphasize liberal studies, also places considerable importance on the University's public service commitments. Three developments in particular highlight this continued role. In 1982 the Governor of the Commonwealth, through an executive order, moved all state government training capabilities to the University under the auspices of the Governmental Services Center at Kentucky State University. Thousands of state government employees are being drawn annually to the University's campus to attend workshops and seminars.

At the same time the Governmental Services Center

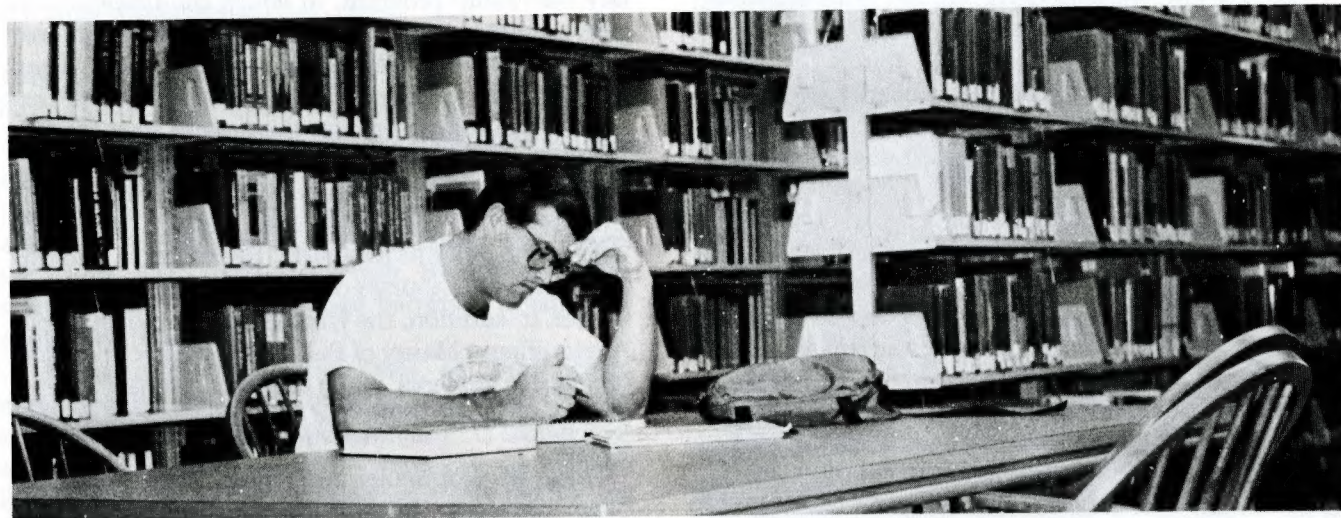
arrived at Kentucky State University, a state government intern and cooperative education program was implemented for the University's students. Participating students gain firsthand experience in government administration while earning from 3 to 12 semester hours of academic credit. A supplementary internship program, in which pre-law students gain experience and earn academic credits as interns in the Office of the State Attorney General, was begun in early 1986.

A third development was the establishment in fall, 1982 of an Interinstitutional Graduate Center in cooperation with the University of Kentucky, the University of Louisville, and Eastern Kentucky University. Since its inception, hundreds of students have enrolled in courses offered through the Graduate Center. In addition, the University's School of Public Affairs offers a Master of Public Administration degree program to students, many of whom are state government employees interested in public administration careers.

These developments and others make Kentucky State University unique among the state's public universities. The University, now into its second hundred years of educational service to Kentucky and the nation, is continuously seeking to become an even more vital educational community than in the past and to achieve excellence as a liberal studies institution that is second to none.



# LIBERAL STUDIES AND THE UNIVERSITY



Kentucky State University is the Commonwealth's designated public liberal studies institution. But what are the liberal studies? What makes an institution a liberal studies institution?

Liberal studies embrace the traditional subjects of the arts and sciences. These studies include, but are not limited to, the study of mathematics and poetry, history and the social sciences, literature and languages, the fine arts and philosophy, and the study of the natural world, its structures and creatures.

Subject matter alone, however, does not exhaust the meaning of liberal studies, nor the meaning of a liberal education. A liberal studies education and preparation for a career or a profession are obviously not mutually exclusive. Whether one is a pre-engineering or an English major, a pre-medical or pre-law student, a computer enthusiast or someone committed to a career in teacher education or business management, Kentucky State University best serves those who, regardless of their long-range goals, seek to think for themselves. Such students are those who wish to think clearly, to argue persuasively, to write with clarity and liveliness, to gain both a cultural and historical perspective on the human experience, and to gain knowledge in some depth in at least one area of human thought. Liberal studies spark curiosity and broaden vision. Liberal education provides the tools by which men and women come to understand the world, each other, and themselves.

Liberal studies, in short, are studies that lead toward

independence of mind. More critical than the development of specialized skills, the development of independent thought is the enduring basis for personal growth. The possession of specific skills, however important they may rightly be, is insufficient if one lacks the ability to confront new problems with clarity of thought and resourcefulness. Job skills change with the fashions and shifting requirements of the day. The ability to think for oneself remains the governing resource of truly educated persons.

In a 1983 speech at Kentucky State University, Edwin Delattre, then president of St. John's College, spoke of the power of liberal education:

*Minds can be shackled by laws against education, by parental indifference, by propaganda, by distinction, and in a thousand other ways. Worst of all, people can enslave, enshackle, victimize their own minds, without any help from anyone else. It happens all the time, and you can see the marks, the wounds and scars, of these shackles every day, everywhere, if you know what to look for. It is often very hard, though, to see or feel these shackles inside oneself.*

*Liberal education — liberating education — is the kind which ferrets out these shackles, seeks to open them where they exist, and prevent them where they do not.*

Education of this sort must be earned: It comes with persistence and effort. Ultimately, liberal studies require the courage to follow a question, persistently and resourcefully, wherever it might lead. At Kentucky State University, education is the daily pursuit of intellectual and moral maturity by students, faculty, and staff.

# THE ACADEMIC PROGRAM

Kentucky State University serves many ends and many needs, but the true test of an institution's quality is whether its graduates have learned to think for themselves. St. Augustine paid his education the compliment of saying that, as a result of it, he could read anything that was written, understand anything that he heard said, and say anything he thought. There can be no higher praise.

Every baccalaureate degree program at the University has been designed to provide students with the breadth of a sound liberal studies education and the more specialized skills that derive from disciplined study of individual subject matter. Together, it is believed that the University's Liberal Studies Requirements and departmental requirements will provide every student with the kind of education that can earn for itself the praise that St. Augustine paid his own education.

## UNIVERSITY REQUIREMENTS

Every student entering Kentucky State University who intends to earn a baccalaureate degree must satisfy the University's Liberal Studies Requirements. In addition to the requirements of the student's major field of study, these Liberal Studies Requirements constitute a carefully designed program of at least 53 semester credit hours of courses to be selected from the various departmental and divisional offerings of the University. An important feature of these requirements is the sequence of Integrative Studies courses. Details of the Integrative Studies program may be found in the section of this Catalogue describing the College of Arts and Sciences. A number of electives are included in the Liberal Studies Requirements, and students are encouraged to consider carefully the alternatives available to them.

## Liberal Studies Requirements

### I. Languages and Reasoning

ENG 101—English Composition and Rhetoric I	3
ENG 102—English Composition and Rhetoric II	3
SPE 103—Interpersonal Communication	3
MAT 110—Intermediate Algebra or above	3
*Foreign Language	6
<b>TOTAL</b>	<b>18</b>

### II. Fine Arts, Letters, History, and Integrative Studies

ART 130—Introduction to Art OR	
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MUS 130—Introduction to Music	3
ENG 211—Introduction to Literature	3
HIS 103—Western Civilization	3
<b>** Integrative Studies</b>	
IGS 200—The Foundations of Western Culture	3
IGS 201—The Convergence and Reshaping of Cultures	3
IGS 300—The Search for New Forms of Culture	3
IGS 301—Studies in African Cultures OR	
IGS 302—Studies in Oriental Cultures OR	
IGS 303—Studies in Latin American Cultures OR	
IGS 304—The African-American Experience	3
<b>TOTAL</b>	<b>21</b>

## III. Sciences

<b>A. Behavioral (select one):</b>	
PSY 200—General Psychology OR	
SOC 203—Principles of Sociology	3
<b>B. Social (select one):</b>	
ECO 200—Survey of Economics OR	
POS 101—American Government	3
<b>C. Natural:</b>	
BIO 101—Life Science (select one):	3
BIO 112—Exploration of Modern Topics in Biology OR	
CHE 109—Survey of General Chemistry OR	
PHY 111—Introduction to Physics I OR	
PHS 201—Physical Sciences I	3-4
<b>TOTAL</b>	<b>12-13</b>

## IV. Health Education

(select one):	
HED 221—Personal Health and Lifetime Fitness OR	
PHE Physical Education activity courses	2
<b>TOTAL</b>	<b>2</b>

**TOTAL HOURS 53-54**

\*The University requires a proficiency level in a foreign language equal to that which the student would have achieved after taking two semesters of language at the 101/102-level. Students who have had language training at the high school level may satisfy all or part of the foreign language requirement through the Advanced Placement Program (described elsewhere in this Catalogue) or through the College Level Examination Program (CLEP). (See Catalogue section, The Division of Literature, Languages, and Philosophy, for more information.)

\*\*Up to 15 semester credit hours of Integrative Studies may be elected by a student or required for a major.



Certain Liberal Studies Requirements may be fulfilled through the University's or other testing programs. For a listing of those courses and the tests through which semester credit hours may be earned, see the Catalogue section, Credit by Examination/Certification and for Life Experience.

### DEPARTMENTAL REQUIREMENTS

Students intending to earn either a baccalaureate or an associate degree must satisfy the specific requirements stipulated by the various academic departments. Only baccalaureate degree-seeking students must satisfy the Liberal Studies Requirements, but associate degree-seeking students must complete a minimum of 15 semester credit hours of selected courses within the Liberal Studies Requirements.

Departmental requirements vary in the number of semester credit hours designated for particular degree programs. Details of these requirements may be found in this Catalogue under the relevant departmental headings. Students are expected to seek the advice of either mentors or advisors in determining the course of study they will follow at the University.

No student is required to declare an official major field of study before the completion of 60 semester credit hours. Students are encouraged to take full advantage of the University's diverse curricular offerings before declaring an official departmental major. However, once a major has been declared, students may not change their official departmental majors later than the beginning of the first semester of their senior year. At least one-half of a student's major field academic course credits must be earned at Kentucky State University. A student must complete the final 32 semester credit hours of a baccalaureate degree program or the final 16 semester credit hours of an associate degree program at Kentucky State University to qualify for a degree from the University.

### ACADEMIC PROGRESS AND GRADUATION

To earn a degree from Kentucky State University, students must satisfy both departmental and University course requirements. In addition, they must maintain good academic standing as defined in the University's Academic Policies and Regulations. These policies and regulations are set forth elsewhere in this Catalogue, and students are expected to abide by them.

Students required to take remedial coursework in reading, composition, or mathematics should not expect to complete their baccalaureate degree requirements within the traditional period of four undergraduate academic years. Summer session coursework and possibly an additional

academic semester's coursework may be required in such cases. Every student is encouraged to work closely with his/her mentor or advisor.

### PRE-PROFESSIONAL PROGRAMS

Kentucky State University offers preparatory programs for students wishing to enter the fields of medicine, dentistry, law, engineering, optometry, veterinary medicine, community health, cytotechnology, medical technology, nuclear medicine technology, and physical therapy. These programs are housed in various divisions of the College of Arts and Sciences.

In addition to preparing students for entrance into the professional schools of their choice, Kentucky residents attending Kentucky State University and meeting certain requirements will be eligible for three percent of the openings annually at Kentucky's publicly-supported law, medical, and dental schools. Students interested in any of the above professional areas should contact the University's pre-professional program advisors through the College of Arts and Sciences.

### ACADEMIC HONORS

The University encourages high standards of academic excellence and acknowledges student's academic achievement. An Academic Honor Roll and Dean's List are published at the end of each academic semester. A student who earns 12 or more semester credit hours for which quality points are awarded and whose grade-point average is 3.2 or above will be included on the Dean's List.

Part-time students are given special recognition for academic achievement. Students enrolled for 6 to 11 semester credit hours in which quality points are earned and whose grade-point average is 3.2 or above will be included on the Academic Honor Roll.

Graduation honors are also awarded. Students who maintain a cumulative grade-point average of at least 3.2 are awarded the baccalaureate degree *cum laude*. Students who maintain a cumulative grade-point average of at least 3.5 and who have received no grades of "D" or "F" are awarded the baccalaureate degree *magna cum laude*. Finally, students who maintain a cumulative grade-point average of at least 3.8 and who have received no grades of "D" or "F" are awarded the baccalaureate degree *summa cum laude*. Graduation honors are awarded only to those students who have earned at least 64 semester credit hours at Kentucky State University.

The baccalaureate degree or the associate degree with departmental honors will be conferred upon the student who, in addition to having completed the re-

quirements for the degree, shall have maintained a cumulative grade-point average of not less than 3.0 and a departmental grade-point average of not less than 3.3. In computing departmental grade-point averages, all courses taken in a department will be counted. To be considered for departmental honors, one or two years of residence work at Kentucky State University are required of associate or baccalaureate degree recipients, respectively, with at least half of the major courses taken at the University.

### COOPERATIVE EDUCATION PROGRAM

Cooperative education at Kentucky State University is an academic program incorporating alternating periods of part-time or full-time employment and classroom study.

This educational process is a joint or cooperative effort on the part of the faculty, which instructs the student; the employer, who furnishes opportunities for practical applications of the student's classwork; and the Cooperative Education Office, which provides counsel, task coordination, and liaison between the student and employer.

Cooperative education helps the student bridge the gap between the classroom and the workplace, and it allows the student to observe and participate in practical applications of what has been learned. Cooperative education enables students to be more valuable contributors upon returning to the classroom; they gain self-confidence and become more involved in the educational process. Full-time employment is of significant financial benefit to the student and is valuable in adding to the student's credentials for employment. Upon graduation, the co-op student may have a decided edge in competing for desired professional positions.

The University is committed to the belief that supervised work experience is worth college credit; therefore, upon successful completion of each semester of work experience, semester credit hours are awarded.

The Cooperative Education Program seeks to meet the needs of students in all academic disciplines offered at Kentucky State University. Therefore, the program is offered to all students after the completion of one full academic year of coursework (30 semester credit hour minimum). Participating students are expected to be in good standing with the University and have a cumulative grade-point average of 2.0 or above. In order to register for Cooperative Education credit, students must submit an application to the Director of Cooperative Education in advance of the term during which they wish to co-op.

It is recommended that each student take the time to visit the Cooperative Education Office and talk with the coordinator.

### FOREIGN STUDY

Kentucky State University offers opportunities for foreign study to qualified students. Students may take advantage of programs allowing them to pursue their major at prestigious universities in other countries. As a member of the Cooperative Center for Study in Britain, the University offers the following: a summer term, a junior year abroad, and a fall semester in Oxford. In addition, a December-January interim program is available at Kings College of the University of London. Opportunities for study may also be available in several other foreign locations, including Italy, Mexico, Puerto Rico, South America, and Scandinavia.

Students must have a 3.0 cumulative grade-point average in order to qualify and must fulfill the foreign language portion of the University's Liberal Studies Requirements. With the aid of an advisor, the student will design a program of study that will then be reviewed for approval by the Office of Academic Affairs and, upon approval, submitted to the Office of the President. Additional information on Study Abroad Programs may be obtained from the Office of Academic Affairs.

### STUDENT EXCHANGE

Participation in an exchange program increases a student's access to a variety of experiences. Such programs permit students to take courses, meet other students and study under professors not available to them in their home institution. Taking part in an exchange can be an intellectually and culturally enriching experience.

Kentucky State University students who wish to take advantage of such opportunities may participate as exchange students at Berea College. Berea is a small liberal arts institution located in south-central Kentucky. Known nationally for its long tradition of outstanding service to the youth of the southeastern United States and Appalachian regions, Berea offers a variety of liberal studies courses and programs. Students interested in participating in an exchange with Berea College should contact the Office of Academic Affairs.



## THE UNIVERSITY LIBRARY

Learning to organize and carry out independent research is an integral part of a University education. Paul G. Blazer Library, located at the northeast end of the campus, provides comprehensive and current research facilities for students and faculty.

Blazer Library's collection of more than 300,000 volumes includes extensive reference, periodical, and circulating collections of materials to aid students in their coursework and research. The University community is also encouraged to use Blazer Library for personal enrichment and leisure reading.

The second floor of the library houses the Special Collection and the University Archives, which contain rare and historical documents and publications relating to African-American culture and history as well as University archival materials.

The Materials and Instructional Media Center, on the ground floor, provides students with audio visual equipment and education curriculum materials for grades K-12.

Blazer Library is a selective depository for United States Government Document Publications and houses an expanding collection of federal and state documents. Typewriters, photocopy facilities, and a personal computer laboratory are available for student use.

Other services available to supplement students' research and informational needs include access to INFOTRAC, DIALOG, and BRS, computerized periodical and bibliographic networks.

In addition to the University Library's collection, Kentucky State University students have the resources of the Kentucky Department for Libraries and Archives, the Paul Sawyer Library, and the Historical Society Library available to them in Frankfort.

The University Library is a member of the Kentucky Library Network (KLN) and the Southeastern Library Network (SOLINET), which provide access to the collections of other libraries regionally.

Professional librarians and support personnel are available to assist students in using the library's resources and facilities. Library information may be obtained by asking any library staff person or by consulting the Library Guide, which is available at any of the service desks throughout the library. Special library tours or individualized library instruction may be scheduled by contacting the Director's Office.

## COMPUTING OPPORTUNITIES

There are many opportunities for students at Kentucky State University to become computer-literate graduates. The University recognizes the increasing role computers have in the business world today. To meet the challenge of providing an environment in which students can not only receive instruction but can also practice these skills, there are two "main-frame computers", an IBM 4361 and an IBM 9375, as well as a large number of personal computers and networks. Computer instruction is centered in the Department of Computer Science; however, personal computers are becoming an integral part of many required courses for most of the University's degree programs.

The School of Business and the Psychology Department each have a computing laboratory which houses personal computers connected to a Local Area Network and are suitable for large group training.

The Department of Industrial Technology maintains a computer laboratory for computer-assisted drafting and for experimental robotics. The Department of Home Economics, Department of Nursing, and Department of Computer Science all have personal computer laboratories for their students.

The School of Public Affairs has established a small microcomputer laboratory to allow undergraduate and graduate students to gain practical experience in computer applications beyond the classroom. A faculty/staff training lab has been established to allow faculty or staff to evaluate and test new software or new technologies and obtain training on new systems.

A microcomputer laboratory is available to serve students in the Department of Education, Developmental Studies, and the Communication Skills Center.

There will also be a personal computer laboratory in Blazer Library for any student to use for homework or word processing applications. Several of these laboratories will soon become part of a campus-wide computing network.

Faculty, staff, and students at Kentucky State University may also purchase computers at discounted prices through special arrangements.

# ACADEMIC ADVISEMENT: THE MENTOR SYSTEM

*To know the road ahead, ask those coming back.*

Chinese Proverb

The University provides a variety of academic advising and personal counseling services to students. While every effort is made to assure that each student receives the personal attention required and deserved, Kentucky State University expects students to take the initiative in seeking out assistance from the University's faculty and staff.

As a liberal studies institution, Kentucky State University offers its students much more than narrowly-focused training. Experience shows that programs of undergraduate study that require students to achieve mastery of principles and problems across a broad range of subject-matter disciplines is the best preparation for later life and employment. Accordingly, the process of academic advisement at the University is centered on the identification of each student's needs. Throughout, mentors and advisors seek to correct deficiencies; support high standards of academic performance; and provide, persistently and resourcefully, the support that students may require in order to make responsible choices about their careers at the University and beyond.

Academic advising at Kentucky State University begins with the Mentor Program. Every entering freshman student who is fully admitted into the University and who intends to pursue requirements for a baccalaureate degree is assigned to a mentor. Mentors are faculty members and, in some instances, staff personnel who have exhibited continuing commitment to the importance of providing students with personal attention in the planning and pursuit of their academic objectives. Mentors are selected from every educational unit in the University. Mentors are prepared to advise students not only regarding departmental requirements, but are prepared to provide students with information and advice about the University's Liberal Studies Requirements and University life. Mentors are typically responsible for a group of approximately a dozen entering students representative of the curricular, racial, and geographic diversity of the University's student body. From their first day at Kentucky State University, students are encouraged to take an active part in their own learning. Interaction with mentors



and participation in mentor groups is a good beginning.

According to University rules, no student is required to declare a major field of study before the completion of 60 semester credit hours of academic work. Newly entering students are particularly encouraged to examine seriously their academic and career expectations. Once a student officially declares a major field of study, an advisor is selected or assigned from within the appropriate academic department. The advisor serves as a useful source of information regarding such matters as major field requirements, research opportunities within the field, and possible graduate study or other career or employment opportunities for which the student may be eligible.



# ACADEMIC REGULATIONS AND POLICIES

*The following policies apply to all students entering Kentucky State University.*

## I. General Definitions

- A. A semester credit hour represents one clock hour of recitation or lecture or two clock hours of laboratory per week for one semester for most courses; some courses in art, music, physical education, and other areas are calculated according to accreditation standards in the particular area.
- B. Quality points are the assigned points of a specific letter grade. The total quality points of a course are calculated by multiplying the quality point value of the letter grade earned by the number of semester credit hours for the course. (See Section VII.)
- C. The cumulative grade-point average is defined as the total number of quality points earned in all courses taken at Kentucky State University in which the student received a grade of "A", "B", "C", "D", or "F" divided by the total number of semester credit hours in all courses taken at the University in which the student received a grade of "A", "B", "C", "D", or "F."
  1. If a course is repeated, only the highest grade will be used in the computation of the cumulative grade-point average.
  2. Unless specifically described in the course description as a repeatable course, credit may be earned only once for courses that are repeated.
  3. All grades earned at Kentucky State University will remain on the student's transcripts and in the student's permanent records, unless the student has successfully petitioned and been granted academic bankruptcy. (See Section XIV.)
- D. The current grade-point average is defined as the total number of quality points earned in all courses in which the student received a grade of "A", "B", "C", "D", or "F" during the last semester/session of enrollment.

or "F" during the last semester/session of enrollment.

## II. Definitions of Majors, Minors, and Areas of Specialization

These definitions are to be considered University norms for the evaluation and approval of baccalaureate degree programs and the components of such programs. The definitions and the limitations that accompany them are based upon the University's policy of emphasizing breadth of study in the basic disciplines with emphasis on the humanities in fulfillment of Kentucky State University's liberal studies role and mission. Substance and content will be maximized in each course subject to the minimum acceptable for University credit. Departures from these norms must be justified by the nature of the program and must have the recommendation of the Faculty Senate and the approval of the Board of Regents.

**Baccalaureate Degree Programs.** A baccalaureate degree program is a planned and approved program of study leading to graduation with a baccalaureate degree. It should be possible to complete a baccalaureate degree program in eight semesters of normal full-time study. The minimum semester credit hour requirement shall be 128 and no program should require more than 144 semester credit hours. A student may elect to exceed this maximum in meeting personal education objectives.

Every baccalaureate degree program shall include the Liberal Studies Requirements of the University (unless specific courses have been officially substituted or waived) and a major. Minors, areas of specialization, pre-major, prerequisite, and support courses may be required. Individual students may elect to take a minor or a second major to meet personal education objectives. Every baccalaureate degree program shall include the provision for a minimum of 6 semester credit hours of free electives. A minimum of 45 semester credit hours in upper-level courses is required for graduation.

**Associate Degree Programs.** An associate degree program is a planned and approved program of study leading to graduation with an associate degree. It should be possible to complete an associate degree program in four semesters of normal full-time study. The minimum semester credit hour requirement shall be 64 and no program should require more than 76 semester credit hours. A student may elect to exceed this maximum in meeting personal education objectives.

Every associate degree program, except the Associate of Arts in Liberal Studies, shall include required major courses, support courses, and at least 15 semester credit hours of the Liberal Studies Requirements of the University. The liberal studies component shall include courses designed to develop skills in oral and written communication and in computational skills. The liberal studies component shall also include courses drawn from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. The Associate of Arts in Liberal Studies degree is comprised of 47 semester credit hours of liberal studies, 3 semester credit hours of support courses, and 15 semester credit hours of advised electives. Every associate degree program shall include the provision for a minimum of 3 semester credit hours of free electives.

**The Major.** A major consists of a planned sequence of courses, usually within a single discipline; however, a major may consist of a planned group of courses from more than one discipline. The minimum semester credit hour requirement for a major shall be 30 and the maximum shall be 48. A minimum of 18 semester credit hours in the major must be upper-level courses.

**The Minor.** A minor consists of a planned sequence of courses, usually in a discipline related to the major. The minor shall consist of a minimum of 18 semester credit hours and shall not exceed 21 semester credit hours. A minimum of 12 semester credit hours in the minor shall be above the 100-level.

**The Area of Specialization.** Some major programs consist of a core program of study within the academic unit plus required additional study in one or more areas of specialization selected from options within or related to the discipline. The area of specialization shall consist of a minimum of 12 semester credit hours and a

maximum of 18 semester credit hours beyond the core, with a minimum of 12 of these being in upper-level courses.

**Pre-major, Prerequisite, and Support Courses.** A degree program may identify and require courses justified for proper completion of the major. Courses may be from within the discipline (pre-major or prerequisite) or from other disciplines (prerequisite or support courses). Such credits thus required are not included in the limitations stated previously but are included in the minimum of 128 semester credit hours and maximum of 144 semester credit hours for a baccalaureate degree.

**Liberal Studies Requirements.** The Liberal Studies Requirements are described elsewhere in this Catalogue. These courses, whether unique requirements or optional requirements, may also serve as pre-major, prerequisite, or support courses but may not be included in requirements for a major, a minor, or an area of specialization.

**Free Electives.** Free electives may be selected by the student from any courses not required in the particular degree program and excluding developmental, remedial, and non-credit course offerings.

*The limitations in these definitions may be modified to meet accreditation, licensing, and/or certification requirements.*

## III. Academic Requirements for Graduation

- A. A student must receive a grade of "C" or above in ENG 101 (English Composition and Rhetoric I), ENG 102 (English Composition and Rhetoric II), and MAT 110 (Intermediate Algebra), and SPE 103 (Interpersonal Communication). (See Section XII.G.3.)
- B. A student must receive a grade of "C" or above in all courses in the major area and the area of specialization. (See Section XII.E.1.)
- C. A student must receive a grade of "C" or above in all courses in the minor area. (See Section XII.E.2.)
- D. A student must receive a grade of "P" or "C" or above in all developmental studies, college preparatory, and remedial courses and in all courses numbered below the 100-level. (See Section XII.G.2.)
- E. A student pursuing a baccalaureate degree may not graduate with more than 12 semester credit hours of grades less than "C" or "P". A student pursuing an associate degree may not graduate with more than 6



- semester credit hours of grades less than "C" or "P". (See Section XII.G.4.)
- F. A student must receive a grade of "D" or above in the Liberal Studies Requirements.
- G. A student must have a cumulative grade-point average of 2.0 or above in all University courses.
- H. All courses in which the student does not meet the minimum grade requirements as described above must be successfully repeated within the maximum number of repeats allowed. (See Section XII.E. on Removal from Major, Minor, or Area of Specialization and Section XII.G. on Dismissal from the University.)
- I. When a student pursuing a baccalaureate degree has accumulated more than 12 semester credit hours of "D", he/she must successfully repeat (within the maximum number of repeats allowed) one or more of the courses in which he/she received a "D". Students pursuing an associate degree who accumulate more than 6 semester credit hours of "D" must successfully repeat (within the maximum number of repeats allowed) one or more of the courses in which he/she received a "D".
- J. A student must repeat any course in which he/she received an inadequate grade (as described in Section III. A.-E.) during the next semester in which the student is enrolled and in which the course is offered.
- K. So that they might be placed in appropriate courses, all students beginning their university-level studies must complete tests to assess academic achievement at the time of entering the University. In the last semester of the sophomore year all students must take the Rising Junior Assessment prior to being allowed to register for further courses.
- L. In the semester prior to expected graduation students must take the Comprehensive Exit Assessment, including an examination in the subject matter of the student's major.
- M. A student's official ACT, SAT, or other required entrance test scores must be included in his/her permanent record in the Office of Records, Registration, and Admissions.
- N. A minimum of 64 semester credit hours is required for the awarding of an associate degree.

- O. A minimum of 128 semester credit hours is required for the awarding of a baccalaureate degree.
- P. A minimum of 36 graduate semester credit hours is required for the awarding of a master's degree.
- Q. See Section II. for additional requirements for degree-seeking students.

#### IV. Academic Load

- A. The normal semester load for undergraduate students is 16 semester credit hours, and the normal semester load for graduate students is 9 semester credit hours.
- B. An undergraduate student must carry a minimum of 12 semester credit hours to be considered a full-time student, and a graduate student must carry 9 graduate semester credit hours to be considered a full-time student.
- C. In order for an undergraduate student to pursue 19 or more credit hours per semester, one of the following conditions must be met:
1. The 19 or more semester credit hours are required in the curriculum;
  2. The student's previous semester grade-point average is 3.0 or above; or
  3. The student will be a candidate for graduation at the end of the academic year in which he/she carries 19 or more semester credit hours.
- D. An undergraduate student may pursue a maximum number of 21 semester credit hours during the fall or spring semester, and a graduate student may pursue a maximum of 12 semester credit hours during the fall or spring semester.
- E. An undergraduate student may pursue a maximum number of 10 semester credit hours during the summer session, and a graduate student may pursue a maximum number of 6 semester credit hours during the summer session.

#### V. Classification of Students

- Students shall be classified as indicated below upon successful completion of the specified number of semester credit hours, provided that all entrance requirements have been met.
1. Freshman - 0-29 semester credit hours
  2. Sophomore - 30-59 semester credit hours
  3. Junior - 60-89 semester credit hours
  4. Senior - 90 or more semester credit hours

#### IV. Course Numbering System

This system is to be used to ensure consistency in the numbering of courses and should be used by mentors or advisors as well as students when making our class schedules.

- 001-099- designed for developmental studies, college preparatory, and remedial courses
- 100-199- designed for freshman students but may be taken by more advanced students; does not carry graduate credit
- 200-299- designed for sophomore students but may be taken by any student who satisfies the prerequisites or obtains the consent of the instructor; does not carry graduate credit
- 300-399- designed for junior students but may be taken by any student who satisfies the prerequisites or obtains the consent of the instructor; does not carry graduate credit
- 400-499- designed for senior students but may be taken by any student who satisfies the prerequisites or obtains the consent of the instructor; does not carry graduate credit
- 500-599- open to graduate students only
- 600-699- open to graduate students only; should be used for seminar and independent study
- 700-799- open to graduate students only; thesis and research (professional projects)

#### VII. Grading System

- A. The following system of symbols will be used in grading students:
1. A—excellent; four quality points per semester credit hour
  2. B—good; three quality points per semester credit hour
  3. C—average; two quality points per semester credit hour
  4. D—poor; one quality point per semester credit hour
  5. F—failure; no quality points, no credit
  6. P—pass; not included in grade-point average (pass-fail courses only)
  7. I—incomplete; not included in grade-point average

8. W—withdrawal, which can only be entered for students who withdraw prior to the end of the fifth full week of classes during a semester, or the second full week of classes during a summer session; not included in grade-point average
  9. WP—withdrawal, doing passing work; not included in grade-point average
  10. WF—withdrawal, doing failing work; not included in grade-point average
  11. AU—audit; not included in grade-point average.
- B. Pass-Fail
1. A grade of "P" or "F" will be given in all pass-fail courses.
  2. A student may not take a course in the major, minor, or area of specialization on a pass-fail basis. However, a student may challenge up to six (6) semester credit hours in the major, minor, or area of specialization on a pass-fail basis if these courses are approved for challenge. Furthermore, a student may earn up to one-fourth the minimum number of semester credit hours for completion of a baccalaureate degree or an associate degree through any combination of credit by examination/ certification and credit for life experience.
  3. A student may not take ENG 101 (English Composition and Rhetoric I), ENG 102 (English Composition and Rhetoric II), MAT 110 (Intermediate Algebra), or SPE 103 (Interpersonal Communication) on a pass-fail basis.
  4. A student pursuing a baccalaureate degree may take no more than 12 semester credit hours on a pass-fail basis. A student pursuing an associate degree may take no more than 6 semester credit hours on a pass-fail basis.
  5. Regulations VII.B.2. and VII.B.4. do not apply to cooperative education or internship courses.
  6. The grading option of pass-fail must be selected no later than the end of late registration and must be indicated on either the student's registration or add/drop form.



**C. Audit**

The grading option of audit must be selected no later than the end of late registration and must be indicated on either the student's registration or add/drop form.

**D. Incomplete**

1. A grade of "I" is to be assigned only when a minor part of a course requirement has not been completed; i.e., the final exam, one major exam, completion of a term paper or class project, or part of the requirements of a laboratory.
2. A grade of "I" may not be assigned as a substitute for "D" or "F".
3. An incomplete earned in any given term (semester or summer session) must be removed by the end of the eighth week of classes during the next regular academic semester; otherwise, the grade of "I" will be automatically changed to a grade of "F".
4. When a grade of "I" is assigned, a detailed description of the work to be completed must be provided by the instructor to the Director of Academic Advising, dean, chairperson, student's designated mentor or advisor, and student.
5. If an "I" is received in a graduate-level course requiring a professional project or thesis, the incomplete must be removed within one calendar year after the completion of the term in which the "I" was assigned; otherwise, the grade of "I" will be automatically changed to a grade of "F", and no further extensions shall be granted.

**E. Withdrawal from a Course**

1. If a student withdraws from a course before the end of the fifth full week of classes during a semester, a grade of "W" will appear on the student's transcript.
2. If a student withdraws from a course after the end of the fifth full week of classes during a semester, but before the twelfth calendar day after midterm week, he/she will receive a grade of "WP" or "WF" in that course.
3. If a student withdraws from a course before one-third of the instructional days have elapsed during a summer ses-

sion or short course, a grade of "W" will appear on the student's transcript.

4. If a student withdraws from a course after one-third of the instructional days have elapsed during a summer session or short course but before two-thirds of the instructional days have elapsed, a grade of "WP" or "WF" will appear on the student's transcript.
5. A student may withdraw from a class after the last date for withdrawal during a term as stated in the University's Academic Calendar only through a special appeal to the Academic Policies Committee of the Faculty Senate.
6. A student who fails to follow proper University withdrawal procedures will receive a grade of "F" in that course. (See Section X.)

**F. Appealing a Course Grade**

1. If a student or instructor has exhausted all proper appeals up to, but not including, the Vice President for Academic Affairs, he/she may appeal a course grade only through the Academic Policies Committee of the Faculty Senate.
2. Appeal must be made in writing no later than the third full week of classes during the next regular academic semester.
3. The student and the instructor may be requested to meet with the Academic Policies Committee of the Faculty Senate.

**VIII. Withdrawal from the University**

- A. A student who has preregistered but not completed registration (i.e., paid fees or made arrangements for the payment of fees) may cancel his/her registration by notifying the Office of Records, Registration, and Admissions in writing prior to the end of late registration of his/her intention not to enroll.
- B. In order to withdraw from the University after completion of registration (i.e., dropping all courses for a given semester/session), a student must do the following:
  1. Obtain the necessary form from the designated office (see Section VIII.C.).
  2. Complete the form and obtain the necessary signatures.
  3. Return the completed form to the office from which it was obtained.

**C. Withdrawal forms may be obtained and must be returned as follows:**

Fall/Spring Semester & Summer Session Withdrawal	All students	Counseling, Career Planning and Placement
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Fall/Spring Semester & Summer Session Dropping classes	All students	Records, Registration, and Admissions
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- D. The failure to withdraw will obligate the student to pay all tuition, fees, and other charges assessed.
- E. If a student withdraws from the University before the end of the fifth full week of classes during a semester, a grade of "W" will appear on the student's transcript for all courses pursued that semester.
- F. If a student withdraws from the University after the end of the fifth full week of classes during a semester, but before the twelfth calendar day after midterm week, a grade of "WP" or "WF" will appear on the student's transcript for all courses pursued that semester.
- G. If a student withdraws from the University before one-third of the instructional days have elapsed during a summer session or short course, a grade of "W" will appear on the student's transcript for all courses pursued that session.
- H. If a student withdraws from the University after one-third of the instructional days have elapsed during a summer session or short course but before two-thirds of the instructional days have elapsed, a grade of "WP" or "WF" will appear on the student's transcript for all courses pursued that session.
- I. A student may withdraw from the University after the last date for withdrawal during a term as stated in the University's Academic Calendar only through a special appeal to the Academic Policies Committee of the Faculty Senate. (See Section XIII.)
- J. Under extenuating circumstances a student may appeal the withdrawal date through the Academic Policies Committee of the Faculty Senate. (See Section XIII.)

**IX. Registration**

- A. A degree-seeking student MUST consult

with his/her designated mentor or advisor prior to the time of preregistration or regular registration to receive official approval for his/her plan of study during each academic semester and session.

- B. The Director of Records, Registration, and Admissions sets the time of registration for all students and informs them of the times they are to register.
- C. Students are expected to register at the appointed time.
- D. Students may not register for credit after the deadline set for completion of late registration.
- E. A late registration fee is assessed to students who do not register at the appointed time.
- F. Late registration for semesters will end one calendar week after the last day of registration or its equivalent for summer session. (See Academic Calendar for specifics.)

**X. Changes in Registration**

(Adding a course, dropping a course, changes in section, changes in grading options)

- A. All changes in registration must be approved by the Director of Records, Registration, and Admissions, the designated mentor or advisor, and the instructors involved. (Withdrawals and drops need not be approved by the instructor.)
- B. All students who are not properly registered for a course will not receive credit for that course.
- C. A processing fee is assessed beginning the first day of classes of a semester/session for any change in registration with the exception of those caused by University cancellation of courses or other University-initiated adjustments to course schedules.
- D. See Section VII.E. for regulations on withdrawal from a course.
- E. The chairperson and/or dean will inform the Vice President for Academic Affairs; the Director of Records, Registration, and Admissions; and the instructors of all course cancellations not later than two working days after the end of late registration.
- F. When a course is cancelled, any student enrolled in that course may change his/her final registration in order to replace the cancelled course. Such adjustment must be completed no later than Saturday of the se-



cond full week of classes during an academic semester or no later than Saturday of the first full week of classes during summer session.

#### XI. Class Attendance

- A. The number of unexcused absences per semester or summer session may not exceed the number of class meetings during one full week of class.
- B. A student may receive an excused absence for the following reasons only:
  1. the student's illness;
  2. serious illness or death in the student's immediate family;
  3. court appearance;
  4. patriotic duty (participation by a student in a University-sponsored activity and/or an activity whereby the student represents the University off-campus and is required to be absent from class(es); and
  5. field trips or other academic class activities sponsored by the University that require the student to be absent from class(es).
- C. Faculty members will be informed by the Vice President for Student Affairs BEFORE the student's absence from class(es) because of patriotic duty, field trips, or other academic class activities sponsored by the University that require absence from class(es).
- D. For any excused absence to be valid, an excuse must be received by the instructor no later than three days after the student returns to class.
- E. In addition to the excuse from the Vice President for Student Affairs, the instructor may require documented proof of the reason for the absence.
- F. For any excused absence to be valid, all make-up assignments must be completed (after the student returns to class) within a time period determined by the instructor and the student.
- G. The number of excused absences may not exceed the number of class meetings during two full weeks of class during a semester, or the number of class meetings

during one full week of classes during the summer session.

- H. Any class absences incurred while students are rendering patriotic duty or are on academic class-planned activities or other University-sponsored academic class activities are to be excluded from the provisions of policy XI.G.
- I. For each absence (excused or unexcused) over the maximum number allowed, the instructor may lower the course grade one full grade level.
- J. Regulations on class tardiness are determined by the instructor of the course.
- K. Individual academic units may adopt more stringent class attendance policies.
- L. If an individual academic unit adopts more stringent attendance policies, those policies must appear in a conspicuous location in the course syllabus and must be announced to the class on the first day it meets.

#### XII. Academic Standing

- A. In order to remain in good academic standing, a student must have a cumulative grade-point average of:
  1. 1.6 or above at the end of the first semester of the freshman year (15 semester credit hours attempted for quality points);
  2. 1.8 or above at the end of the second semester of the freshman year (29 semester credit hours attempted for quality points);
  3. 2.0 or above at the end of each semester after the second semester of the freshman year.
- B. Probation
  1. Except for first- and second-semester freshmen, a student is placed on probation if at the end of any semester his/her cumulative grade-point average falls below 2.0.
  2. A first-semester freshman is placed on probation if at the end of the first semester his/her cumulative grade-point average falls below 1.6.
  3. A second-semester freshman is placed on probation if at the end of the second semester his/her cumulative grade-point average falls below 1.8.

the spring semester, he/she shall not re-enroll until the next spring semester.

4. The enrollment classification of transfer students will be based upon the sum total of the transfer hours accepted by the University and the semester credit hours attempted at Kentucky State University. Probationary status will be based upon the total semester credit hours and the grade-point average for the transfer student's classification.
5. Any student (except a second-semester freshman) whose cumulative grade-point average remains below 2.0 but whose current grade-point average is above 2.0 may re-enroll the next term (summer session or semester) but will remain on probation.
6. Any second-semester freshman whose cumulative grade-point average at the end of the second semester is below 1.8 but whose current grade-point average is 1.8 or above may re-enroll the next term (summer session or semester) but will remain on probation.
7. Freshmen and sophomores on probation are limited to a maximum course load of 15 semester credit hours during the semester of probation and 8 semester credit hours during the summer session.
8. A student on probation may not participate in any University extracurricular activity unless the activity is required by the student's major or minor curriculum.
9. Probation may not be appealed.

#### C. Suspension

1. Any student (except a second-semester freshman) who is on probation and has a current grade-point average below 2.0 after 12 attempted semester credit hours is placed on suspension.
2. Any second-semester freshman who is on probation and has a current grade-point average below 1.8 after 12 attempted semester credit hours is placed on suspension.
3. If a student is suspended at the end of the fall semester, he/she shall not re-enroll until the following summer session.
4. If a student is suspended at the end of

the spring semester, he/she shall not re-enroll until the following spring semester.

6. A student who re-enrolls after suspension is placed on probation.

7. No student is permitted to transfer credits earned at another institution during a time of suspension for poor scholarship.

#### D. Appeal of Suspension

1. A student may appeal his/her suspension if correction of an error in records or a changed grade would allow him/her to meet the minimum standards described above.
2. Any student with a cumulative grade-point average of 1.7 or above may appeal his/her academic suspension.
3. A student with a cumulative grade-point average of less than 1.7 may also appeal his/her academic suspension. However, the appeal will be heard only if documented circumstances can be shown to have interfered with normal academic progress and if that situation is corrected.
4. See Section XIII. for Appeal Procedures and Deadlines.

#### E. Removal from Major, Minor, or Area of Specialization

1. A student must receive a grade of "C" or above in three or fewer attempts (first attempt plus up to two repeats) in all courses in a major area and area of specialization or he/she is permanently removed from the major and area of specialization. (See Section III.B.)
2. A student must receive a grade of "C" or above in three or fewer attempts (first attempt plus up to two repeats) in all courses in a minor area or he/she is permanently removed from the minor. (See Section III.C.)

#### F. Appeal of Removal from Major, Minor, or Area of Specialization

1. A student may appeal his/her removal from a major, minor, or area of specialization if correction of an error in



records or a changed grade would allow him/her to meet the minimum standards (See Section XII.E.)

2. A student may appeal removal from a major, minor, or area of specialization and request a fourth attempt in such a course (see XII.E.1. and 2.) if his/her cumulative grade-point average is 2.0 or above and his/her cumulative grade-point average in the major, minor, or area of specialization is 2.5 or above.
3. A student may not appeal removal from a major, minor, or area of specialization if his/her academic records do not meet the qualifications in regulations XII.F.1. and 2.
4. If a student has unsuccessfully appealed removal from a major, minor, or area of specialization and if the student has a cumulative grade-point average of 2.0 or above, he/she must be allowed to major in or pursue some other discipline at Kentucky State University.
5. See Section XIII. for Appeal Procedures and Deadlines.

#### G. Dismissal From the University

1. A student who has been suspended twice and is on probation and whose current grade-point average falls below 2.0 is dismissed from the University.
2. A student must receive a grade of "P" or "C" or above in any developmental studies, college preparatory, remedial, or courses below the 100-level in three or fewer attempts (first attempt plus up to two repeats) or he/she is dismissed from the University. (See Section III.D.)
3. A student must receive a grade of "C" or above in three or fewer attempts (first attempt plus up to two repeats) in ENG 101, ENG 102, MAT 110, and SPE 103 or he/she is dismissed from the University. (See Section III.A.)
4. A student must receive a grade of "D" or above in three or fewer attempts (first attempt plus up to two repeats) in all other courses or he/she is dismissed from the University. (See Section III.E. and H.)
5. A student who has been granted academic bankruptcy after a period of

suspension and who subsequently becomes liable for suspension will be permanently dismissed from the University. (See Section XIV.)

#### H. Appeal of Dismissal from the University

1. A student may appeal his/her dismissal under regulation XII.G.1. if correction of an error in records or a changed grade would allow him/her to meet the minimum standards. These are the only reasons for appeal of dismissal under regulation XII.G.1.
2. A student may appeal his/her dismissal under regulations XII.G.2., XII.G.3., and XII.G.4. if correction of an error in records or a changed grade would allow him/her to meet the minimum standards.
3. A student may appeal his/her dismissal under regulations XII.G.2., XII.G.3., and XII.G.4. and request a fourth attempt in a course if his/her cumulative grade-point average is 2.25 or above.
4. After four years a dismissed student may appeal in writing to the Academic Policies Committee of the Faculty Senate for re-admission to the University.
5. If re-admission is granted, the student will be placed on probation.
6. A student who has been re-admitted after dismissal and becomes liable for suspension at any time will not be suspended, but will be permanently dismissed from the University without appeal.
7. See Section XIII. for Appeal Procedures and Deadlines.

#### XIII. Appeal Procedures and Deadlines

- A. A student may appeal to the Academic Policies Committee of the Faculty Senate only once following each notification of academic standing.
- B. For appeals, students must complete the procedures outlined in the Academic Appeals Packet which is available in the Office of Records, Registration, and Admissions.
- C. Deadlines for appeal of academic standing:
  1. Appeals of suspension or dismissal from the University MUST be completed and submitted to the Academic Policies Committee of the Faculty Senate

at least *three (3) days* prior to the last day of late registration as published in the University Catalogue for the semester for which the student is suspended or dismissed.

2. Appeals of late withdrawal from classes or from the University MUST be completed and submitted to the Academic Policies Committee of the Faculty Senate *on or before* the last regular class day before final examinations.
3. Appeals of a course grade MUST be completed and submitted to the Academic Policies Committee of the Faculty Senate *no later* than the third full week of classes during the next regular academic semester.
4. Exceptions to the above deadlines may be granted if the student shows evidence that he/she could not get to campus to submit an appeal before the deadline(s).

#### D. Frequency of meetings for appeals:

1. The Academic Policies Committee of the Faculty Senate shall meet on the Monday following the last regular class day of the semester to consider late class withdrawal or late withdrawal from the University.
2. The Academic Policies Committee of the Faculty Senate shall meet the day before the beginning of registration for a term (i.e., fall semester, spring semester, summer session) and two class days before the last day of late registration to consider appeals of academic suspension or dismissal.
3. The Academic Policies Committee of the Faculty Senate shall meet on other occasions only if the appeal load is heavy, if new evidence is brought forth which affects an appeal already acted upon, and/or if there is any other special circumstance in which the welfare of the student is at stake.

#### XIV. Academic Bankruptcy

In certain situations, a student may apply to declare academic bankruptcy and begin anew at Kentucky State University. In such cases, the student's entire academic record will be stricken.

The bankruptcy policy is subject to the following:

- A. The student must file a written petition for academic bankruptcy with the Academic Policies Committee of the Faculty Senate, presenting a strong case for supporting the approval of the petition. Reasons for the request, such as financial problems, illness, or problems of a personal nature, should be cited. The Academic Policies Committee of the Faculty Senate will forward its recommendation to the Vice President for Academic Affairs for final disposition.
- B. The "forgiveness" policy demands that all courses taken at Kentucky State University during a period of consecutive semesters attended by the student be part of the bankruptcy action. This includes all courses successfully completed by the student during that period.
- C. The student's entire academic record for the stipulated period will be totally stricken from the transcript, with a notation of the bankruptcy action appearing on the transcript.
- D. All courses which were used towards a degree or certificate will be excluded from eligibility for grade deletion under the academic bankruptcy policy.
- E. In order to declare academic bankruptcy, a student cannot have been enrolled at Kentucky State University for a minimum period of two years prior to declaring bankruptcy.
- F. In the case of a student who was on suspension at the time of last attendance, when that student is granted academic bankruptcy and re-admitted to the University, he/she will be placed on probation and monitored closely by the Academic Advising Office.
- G. If the student is suspended after having been granted his/her petition for academic bankruptcy, he/she will be permanently dismissed from the University.
- H. A student cannot declare academic bankruptcy more than once.

#### XV. Communication Skills Center

Any faculty member (in whose course a student is enrolled), counselor, or academic administrator may require a student to attend the



Communication Skills Center as a part of a course requirement.

#### **XVI. Policy on ACT and SAT Scores**

- A. All full-time degree-seeking students admitted to the freshman class must submit official ACT or SAT scores (scores provided directly to Kentucky State University by the American College Testing Program or The College Board). If a student has been admitted to a degree program contingent upon receipt of the official test scores, the student must take the ACT to fulfill the requirement during the first semester of enrollment.
- B. All non-degree students are encouraged to submit official ACT or SAT scores if there is any possibility of becoming degree-seeking. Upon the completion of 30 semester credit hours in a non-degree status, a non-degree student is required to reconfirm his/her intention to not pursue a degree from Kentucky State University. The student's Community College advisor will ensure that the student reconfirms his/her intention or takes the steps to become degree-seeking. If such a student changes his/her mind after the accumulation of 30 semester credit hours in non-degree status, he/she must take the ACT or SAT before converting, regardless of the number of semester credit hours earned.
- C. All transfer applicants with fewer than 30 transferable semester credit hours must submit official ACT or SAT scores, either by those being furnished directly to Kentucky State University by the American College Testing Program, by The College Board, or by these being part of the transcript of the transfer application.

#### **XVII. Enrollment, Re-enrollment, and Required Curriculum**

- A. A degree-seeking student will meet the Liberal Studies Requirements and the major requirements, including those required courses offered by departments other than the major department, as published in the Catalogue in effect at the time of enrollment. The student will be subject to these requirements so long as he/she remains in continuous enrollment. Continuous enrollment means attendance without interruption during consecutive semesters. Lack of enrollment in summer session does not constitute an interruption of enrollment.

- B. Following an interruption of more than two years, re-enrolling degree-seeking students will meet the Liberal Studies Requirements and the major requirements as published in the Catalogue in effect at the time of re-enrollment. For interruptions of two years or less the student will have the option of selecting requirements in effect at the time of either initial enrollment or re-enrollment.
- C. A student who changes his or her major will meet the major requirements as published in the Catalogue in effect at the time the student declares the new major. The Major Change Form is to be obtained from the Office of Records, Registration, and Admissions and is to be returned with all necessary approval signatures.
- D. A student who changes from non-degree to degree-seeking will meet the requirements as published in the Catalogue in effect at the time the student becomes degree-seeking.
- E. A student may be a declared major in only one major degree program at any one time, notwithstanding that with appropriate approval a student may pursue a second major.
- F. A student pursuing a curriculum leading to certification or licensure must meet the curriculum requirements in effect at the time the student graduates.

#### **XVIII. Residency Requirements**

In order to receive a baccalaureate or an associate degree from Kentucky State University, a student must complete the last 32 or 16 semester credit hours, respectively, at the University. If extenuating circumstances exist, the Vice President for Academic Affairs may grant, upon the recommendation of the appropriate dean, a student's request to take no more than six (6) of his/her last 32 or 16 semester credit hours at another accredited institution.

#### **XIX. Multiple Degrees**

- A. A student may be awarded a second baccalaureate degree by Kentucky State University upon completion of the following requirements:
  1. Satisfactory completion of a minimum of 30 semester credit hours beyond the number of semester credit hours required for the first degree;

2. Satisfactory completion of all requirements for the second degree; these requirements shall be those in effect at the time the student declares the major for the second degree.
- B. A student may be awarded a second associate degree by the University upon completion of the following requirements:
  1. Satisfactory completion of a minimum of one semester of full-time study after completion of requirements for the first degree.
  2. Satisfactory completion of all requirements for the second degree; these requirements shall be those in effect at the time the student declares the major for the second degree.

- C. A student may be awarded both an associate degree and a baccalaureate degree by the University by meeting the following requirements:

1. If the associate degree is awarded first, the student shall meet all requirements for both degrees in effect at initial enrollment, if the student has been in continuous enrollment.
2. If the baccalaureate degree is awarded first, the student shall be required to meet all requirements for the associate degree in effect at the time the student declares the major for the second degree.

*The preceding policies apply to all students entering Kentucky State University.*



# ADMISSION TO THE UNIVERSITY

## ADMISSION PHILOSOPHY

Kentucky State University provides admission to residents of Kentucky and to qualified out-of-state and international students based upon criteria established by the Commonwealth of Kentucky's Council on Higher Education and policies of the University. Students are admitted to the baccalaureate degree programs of the University and to the associate degree programs and the non-degree categories of its Community College. In keeping with its mission statement, the University has the inherent obligation to identify the level of preparedness of its students and to establish policies that will assure placement of students in programs that will provide the greatest opportunity for success in their academic pursuits.

## ADMISSION INQUIRIES

The Office of Records, Registration, and Admissions administers all matters relating to admission. All inquiries about admission and applications for admission should be addressed to: Office of Records, Registration, and Admissions; Kentucky State University; Frankfort, Kentucky 40601.

## REGULAR APPLICATION PROCEDURES

**I. First-Time Freshmen.** All first-time freshmen (students who will enroll in a University for the first time following graduation from high school) who desire admission to a baccalaureate or associate degree program of Kentucky State University must supply the following minimum credentials:

- An application for admission to the University (no application fee is assessed).
- Official test results provided directly from the testing agency for one of the following tests (tests must have been taken within the past five years):
  - American College Test (ACT) scores. (The University's code number is 1516.)
  - Scholastic Aptitude Test (SAT) scores (for baccalaureate applicants only). A maximum of 10 percent of the admitted baccalaureate applicants may be granted admission through this test. (The University's code number is 1368.)
  - Career Planning Program—Level II (CPP-II) or ASSET scores. These tests may be

used as alternatives to the ACT for the adult, 21 and above, who desires admission to an associate degree program. (The University's code number is 1516.)

- Official high school transcript from the student's high school. Kentucky residents must graduate from high schools that have met accreditation standards of the Kentucky Department of Education. All non-residents of Kentucky must graduate from high schools that meet accreditation standards of their home states. However, students with an earned General Educational Development (GED) certificate or those who have graduated from institutions that do not meet accreditation standards may be admitted to Kentucky State University's Community College. All transcripts must be accompanied by a grade legend if a scale other than 4.0 is used.
- Pre-College Curriculum Verification Form completed by the high school counselor that certifies completion of the prescribed core of courses for entry into college. Up to 20 percent of the admitted applicants into baccalaureate degree programs may be admitted without meeting the pre-college curriculum requirements if they otherwise meet admission requirements and/or are approved for admission by the Director of Records, Registration, and Admissions. Completion of the pre-college curriculum is not required for students admitted to the associate degree programs or the non-degree categories of Kentucky State University's Community College.

**II. Transfer Students.** A transfer student who has earned credit at one or more regionally accredited colleges or universities and who desires admission into a degree program at Kentucky State University must supply the following minimum credentials:

- An application for admission (no application fee is assessed).
- Official transcripts from each and every college or university previously attended.
- All other admission credentials of the first-time freshmen if less than 30 semester credit hours are to be transferred.

Credit hours from an unaccredited institution will be evaluated in the same manner as credit

hours earned from accredited institutions. However, final acceptance of such credits will not be given until the student has completed the equivalent of one semester of full-time study (12 or more semester credit hours) with a grade-point average of 2.0 or above on all coursework attempted.

**III. Re-admission Students.** Students who have previously attended Kentucky State University and wish to resume enrollment after not attending for two or more years and students returning from suspension (See Re-admission Students under Admission Classifications) must provide the following minimum credentials:

- An application for re-admission (no application or re-enrollment fee is assessed).
- Official transcripts for all coursework attempted at other colleges or universities during the period of absence from Kentucky State University. (See academic policy XII.C.7.)

**IV. Non-degree Students.** Persons who desire to enroll as non-degree-seeking students including transient (visiting) students; early admission (high school) students; senior citizens; post-baccalaureate students without degree intentions; students pursuing additional undergraduate coursework for teacher certification and/or without degree intentions; or other categories of special students must supply the appropriate credentials:

- A New Non-degree Student Application Form (no application fee is assessed).
- Recommendation of high school principal or counselor (for early admission/high school students only).
- Approval letter from dean or advisor at home institution (for transient/visiting students only).

**V. Post-Baccalaureate Students.** Students who possess baccalaureate degrees and desire to pursue coursework that leads to another baccalaureate degree, an associate degree, or teacher certification requirements must provide the following credentials:

- An application for admission (no application fee is assessed).
- An official transcript from the college or university that awarded the first baccalaureate degree if different from Kentucky State University.
- Official transcripts from all institutions at-

tended for undergraduate coursework earned after the award of the first baccalaureate degree.

## PRE-COLLEGE CURRICULUM

To be admitted to baccalaureate programs, all first-time freshmen must have completed 20 or more approved high school units, including the following minimum academic preparation requirements (see Section I.D. of the preceding "Regular Application Procedures" for exceptions):

Subjects	Units
English	4
Mathematics (including algebra and geometry)	3
Science (including biology, or chemistry, or physics, one of which must be a laboratory course)	2
Social Studies (including world civilization and U.S. History or advanced placement American history)	2

College-bound students are encouraged to take, as part of their elective course selections, additional coursework in mathematics, sciences, foreign languages, arts, and computer science.

## SPECIAL APPLICATION PROCEDURES

**I. Graduate Students.** See The Graduate Center/The School of Public Affairs section of this Catalogue for admission criteria and procedures.

**II. Whitney M. Young, Jr. College of Leadership Studies.** Students applying for admission to the Whitney M. Young, Jr. College of Leadership Studies must possess a strong academic background in high school and a strong interest in learning. Transfer students will also be considered, but they must start matriculation at the beginning of the Whitney M. Young, Jr. College of Leadership Studies program.

Applicants, in addition to fulfilling other applicable admissions requirements, must submit the following materials for consideration directly to the Dean of the Whitney M. Young, Jr. College of Leadership Studies:

- Two letters of recommendation. At least one of the two should be from a high school teacher, counselor, or administrator. Letters of recommendation should be sent directly to the Dean, Whitney M. Young, Jr. College of Leadership Studies, Kentucky State University, Frankfort, Kentucky 40601.
- A thoughtful letter from the applicant describing reasons for wishing to attend the



Whitney M. Young, Jr. College of Leadership Studies and outlining plans and hopes for the future. This should be sent directly to the Dean of the Whitney M. Young, Jr. College of Leadership Studies, Kentucky State University, Frankfort, Kentucky 40601.

Additional information of value to prospective students is included in the Whitney M. Young, Jr. College of Leadership Studies section of this Catalogue.

**III. Nursing Students.** Applicants for the Nursing program should refer to the admission criteria and procedures contained in The Community College section of this Catalogue.

**IV. Admission to Majors.** Several departments have specific requirements which must be satisfied before students can declare their majors. Students should contact the appropriate department or division chairperson prior to officially declaring a major.

**V. International Students (non-immigrant students).** International students who are not U.S. citizens or immigrants (permanent residents) should apply at least three months before the beginning of the semester in which they intend to enroll by providing the following:

- A. Kentucky State University International Student Application form (no application fee is assessed).
- B. Official TOEFL scores (KSU code number 1368) provided directly from the testing agency or other evidence of proficiency in the English language. TOEFL scores must be 525 or above.
- C. Official transcripts (records of courses and grades) of all academic work at the secondary level or above. All transcripts must be submitted in English and the translation of such certified.
- D. Demonstration, via Declaration of Certification of Finance, that sufficient funds are available to finance the planned course of study without causing undue hardship on the student.
- E. In addition, Nigerian students only must submit a complete WASC (West African School

Certificate) or GCE (General Certificate of Education).

F. Official ACT/SAT scores, if testing centers are available.

A successful applicant will be sent an official Letter of Acceptance and a folder of material pertaining to registration and enrollment. Upon receipt of the official Letter of Acceptance, a confirmation deposit of \$3,500 U.S. dollars must be sent before the University will forward an Immigration Form (I-20) Certificate of Eligibility (excluding Canadian residents). The deposit will remain on account until the student graduates or withdraws from the University. With the I-20, the prospective applicant will receive additional information for enrollment. Students will be provided an orientation period to become acquainted with Kentucky State University's programs, faculty, and the community.

### ADMISSION CLASSIFICATIONS

Any student applying for admission as an associate/baccalaureate degree student or to a non-degree category will be admitted if he/she meets all admission requirements; he/she may be admitted contingent upon receipt of all required credentials if the application procedures are incomplete. Also, an applicant for selective programs must meet the additional admissions criteria specified in The Department of Nursing, The Whitney M. Young, Jr. College of Leadership Studies, and The Graduate Center/The School of Public Affairs sections of this Catalogue. Further, a student must meet any specific requirements of a department before declaring his/her academic major.

#### Placement Tests

All students admitted to Kentucky State University will be given placement tests in English, mathematics, and reading if their Enhanced ACT composite score or subscores are below 21 (or 19 on a previous edition of the ACT for each subtest). Please note that comparable SAT scores may be substituted for ACT scores. A music placement test will be given to music majors, and a foreign language placement test is available to those who seek advanced placement in a foreign language. Placement test scores determine whether a student will be placed in basic skills development/remedial coursework (see Basic Skills Development heading on page 38 of this catalogue).

### Baccalaureate Programs

**First-time Freshmen:** First-time freshmen are those students who will enroll in a university for the first time following graduation from high school.

Any resident of Kentucky who has completed the application process contained in Section I, "Regular Application Procedures," will be eligible for admission to the University if he/she:

1. ranked scholastically in the upper 40 percent of the high school graduating class, or
2. attained a minimum Enhanced ACT composite score of 19 (or 16 on a previous edition of the ACT), or comparable SAT score, or
3. maintained a minimum 2.75 grade-point average (on a 4.0 scale) in the four years of high school study. All transcripts must be accompanied by a grade legend if a scale other than 4.0 is used.

All Kentucky students not meeting the minimum admissions criteria will be admitted to the Community College and will be required to take a series of placement tests. Failure of two or more placement tests will result in a student's placement into the Developmental Studies Program (see Associate Programs and Non-degree Categories, below).

A non-resident (out-of-state) applicant who has completed the application process in Section I, "Regular Application Procedures," is eligible for admission to the University if he/she:

1. ranked scholastically in the upper half of the high school graduating class and earned a minimum 2.5 grade-point average (on a 4.0 scale) for all high school work (All transcripts must be accompanied by a grade legend if a scale other than 4.0 is used.), or
2. attained a minimum Enhanced ACT composite score of 20 (or 18 on a previous edition of the ACT), or comparable SAT score which placed the applicant among the 50th percentile or above for all high school seniors taking the American College Test (ACT) or Scholastic Aptitude Test (SAT) nationally, or
3. demonstrates, through other acceptable measures, the ability to pursue the college academic program without substantial remedial aid.

All students who meet minimum admission requirements and who subsequently fail placement tests may be required to take appropriate remedial courses.

**Transfer Students:** Any student who has previously earned college credit at a regionally accredited college or university, has not previously attended Kentucky

State University, and has completed the application process in Section II, "Regular Application Procedures," will be admitted if he/she is in good academic standing and is eligible to return to the last institution previously attended. The transfer student is not at liberty to disregard any part of his/her previous college or university record. Failure to report enrollment at another institution may result in dismissal and/or loss of credits earned. Generally, a student dismissed from a college or university shall not be accepted for the semester following his/her dismissal.

A transfer student with fewer than 30 transferable semester credit hours must also satisfy all admission requirements for entering freshmen.

Additional information of value to transfer students is contained in the Transfer of Credits section of this Catalogue.

**Re-admission Students:** A Kentucky State University student who wishes to return to studies after a lapse of two or more academic years will be re-admitted to the University by completing the application process contained in Section III, "Regular Application Procedures." To expedite the admission process, a student desiring re-admission is encouraged to complete the application for re-admission and provide official transcripts of additional college or university coursework previously earned at least one month before the beginning of the semester of intended enrollment. A student who has been suspended by the University may be re-admitted according to the guidelines contained in the "Academic Regulations and Policies" stated elsewhere in this Catalogue.

**Post-Baccalaureate Students with Degree Intentions:** Any student with an earned bachelor's degree from a regionally accredited college or university who completes the application process contained in Section V, "Regular Application Procedures," and who desires to pursue a baccalaureate degree program at Kentucky State University will be admitted to the University.

#### Associate Programs and Non-degree Categories

Kentucky State University will admit any Kentucky resident into an associate degree program if he/she has graduated from an accredited high school and completes the application process contained in Section I, "Regular Application Procedures." (See page 34 of this Catalogue.)

**First-time Freshmen:** First-time freshmen are those students who will enroll in a University for the first time following graduation from high school.

An applicant for an associate degree program whose admission credentials indicate that he/she could benefit



from basic skills development/remedial coursework will be placed in the appropriate basic skill development category (refer to "Basic Skill Development" section below).

A non-resident (out-of-state) applicant who desires to apply for an associate degree program is required to fulfill the same admission requirements as applicants for a baccalaureate degree program (refer to Section I, "Regular Application Procedures").

**A Transfer Student, Re-admission Student, or Post-Baccalaureate student** with degree intentions will be admitted to an associate degree program based upon the same criteria as an applicant for a baccalaureate degree program (refer to Sections II, III, and V, "Regular Application Procedures").

**Basic Skills Development:** An applicant for either an associate or a baccalaureate degree program will be granted admission into the Community College if his/her credentials indicate that he/she could benefit from basic skills development/remedial coursework. Placement test(s) are administered to any student with potential deficiencies to determine his/her level of preparation to pursue college-level coursework. If the placement test(s) indicate that developmental coursework is not required, the student will be permitted to pursue regular coursework in an associate or baccalaureate degree program. Further, if the test results so indicate, the student will be placed in the Developmental Studies Program or in remedial coursework that will assure the greatest chance for success in his/her college career. Upon satisfactory completion of the basic skills development/remedial coursework, a student may enroll in a regular degree program in accordance with the existing University policy.

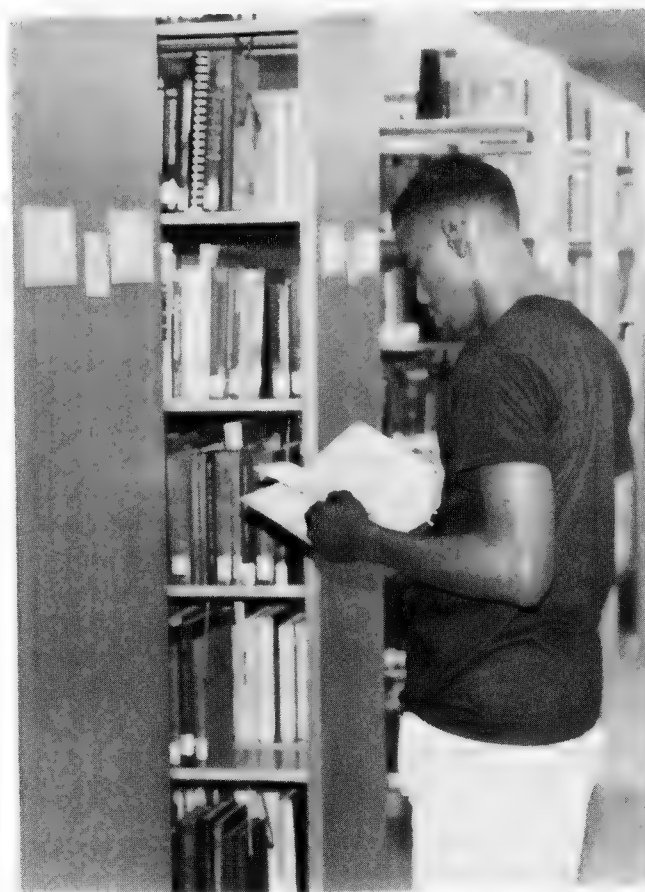
Any Developmental Studies student may transfer to a degree program with the approval of his or her mentor, Chairperson of Developmental Studies, and the Dean of the Community College, or after completing 30 or more semester credit hours of coursework with a minimum grade-point average of 2.5 or upon completion of 60 or more such semester credit hours with a minimum grade-point average of 2.0.

**Non-degree Students:** Any applicant who has completed the application process contained in Section IV, "Regular Application Procedures," will be admitted as a non-degree student. Upon completion of 30 semester credit hours in a non-degree status, a student is required to reconfirm his/her intention to not pursue a degree from Kentucky State University. Semester credit hours earned at Kentucky State University by students in a non-degree status, before being admitted to a

degree program, may not apply toward a degree unless appropriate approval is granted.

When a non-degree student desires to apply for admission to the University in a degree-seeking status, he/she must comply with one of the following conditions:

1. If a student has accumulated fewer than 30 semester credit hours, he/she will be subject to the applicable freshman admission criteria as specified in this Catalogue or the Catalogue in effect at the time of the change to a degree status. However, a student who has earned 16-29 semester credit hours with at least a 2.75 grade-point average in regular baccalaureate coursework will be exempted from basic skills development/remedial coursework unless requested by the student on a voluntary basis.
2. If a student has accumulated 30-59 semester credit hours in a non-degree status, he/she must have a cumulative grade-point average of at least 2.5 to be admitted to degree status. Official ACT/SAT scores provided directly from the testing agency are also required.



3. If a student has accumulated 60 semester credit hours in a non-degree status, he/she must have a cumulative grade-point average of at least 2.0 to be admitted to degree status. The student must comply with degree requirements for the major field of study. Official ACT/SAT scores provided directly from the testing agency are also required.

Any non-degree student who has earned 60 or more semester credit hours with a cumulative grade-point average of less than 2.0 is subject to suspension.

**Early Admission Program Students** (students who have not graduated from high school): A student with exceptional ability and academic interest who has completed the application procedures contained in Section IV, "Regular Application Procedures," will be admitted to the University to pursue University-level coursework before graduation from high school. Such a student will be admitted to the Early Admission Program based upon the recommendation of the high school principal or counselor. In certain cases, an especially well-qualified high school student may be allowed to enroll in coursework that will allow him/her to earn both University credit and credit toward the high school diploma. An interested high school student may obtain details concerning enrollment from the Community College or the Office of Records, Registration, and Admissions.

**Senior Citizens:** A Kentucky resident, 65 years of age or older, who has completed the application procedures contained in Section IV, "Regular Application Procedures," will be admitted to Kentucky State University and shall have all tuition and fees waived. However, the University may limit admission of such students if classes are filled or if their admission necessitates additional classes. Senior citizens may be admitted to degree programs under the appropriate criteria established for non-degree students.

**Post-Baccalaureate Students** (teacher certification or no degree intentions): A student with an earned baccalaureate degree from a regionally accredited college or university, who completes the application procedures contained in Section IV, "Regular Application

Procedures," and who desires to pursue additional undergraduate coursework for teacher certification or does not have degree intentions, will be admitted to a non-degree category.

**Special Students:** Any applicant who does not meet the admission requirements of any of the above classifications, but demonstrates potential to complete regular university coursework, may be admitted on an exception basis by the Vice President for Academic Affairs upon the recommendation of the Director of Records, Registration, and Admission.

## APPEAL PROCESS

Applicants who are denied admission to the University for any reason will receive written notice of such denial. Any student wishing to challenge the admission decision may make a written appeal to the University's Admissions, Recruitment and Retention Committee through the Associate Director of Admissions.

## HEALTH EXAMINATIONS AND IMMUNIZATIONS

Prior to admission, the prospective student (unless attending off-campus classes only) must assure that the required physical examination and immunization certificate have been completed and are on file with the University's Student Health Services. These forms and instructions for completion are provided to students along with the admissions materials.

## INTERVIEWS AND CAMPUS VISITS

The Office of Records, Registration, and Admissions conducts campus tours and admission interviews by appointment each weekday from 8:30 a.m. until 4:00 p.m. Interested students are also invited to attend Kentucky State University's Discovery Days, which are scheduled in the fall and spring. These special days provide parents and students a closer look at the University financial aid and scholarship information, campus tours, and meetings with faculty members. Individuals requesting tours and/or interviews at other times should contact the Office of Records, Registration, and Admissions regarding special arrangements.



# TRANSFER OF CREDITS

## POLICIES

Transcript evaluations at Kentucky State University are carried out in accordance with guidelines published by the American Association of Collegiate Registrars and Admissions Officers.

All credits earned with a grade of "C" or above from a regionally accredited institution of higher education will be accepted for transfer. The transcript evaluation will determine the applicability of these credits to degree requirements at Kentucky State University. Credits that do not fulfill degree requirements will be accepted as free electives if grades of "C" or above were earned.

Credits from non-accredited institutions will be evaluated in the same manner as above, except that final acceptance of such credits will not be given until the student has completed the equivalent of one semester of full-time study with a grade-point average of 2.0 or above on all coursework attempted.

A maximum of 64 semester credit hours may be accepted from accredited junior or community colleges. After the University has accepted a total of 64 semester credit hours from a junior or community college or combination of junior or community and senior colleges, no subsequent credit earned at a junior or community college will be accepted.

Kentucky State University will not give upper-level credit for courses completed at junior and community colleges without validation that the courses are equivalent to upper-level University courses.

## PROCEDURES

Responsibility for the evaluation of transcripts for transfer credit rests with the University's Office of Records, Registration, and Admissions.

A transfer applicant is responsible for ensuring that all transcripts of previous college or university coursework are sent to the Office of Records, Registration, and Admissions. The admission decision cannot be made until all transcripts of previous college or university coursework, except for any coursework currently in progress, are received.

Transferred credit from another institution accepted by the University will be placed on a student's academic record following completion of the student's first semester at the University.

Transfer students, except those from non-accredited institutions, will not have a University cumulative grade-point average until they have completed one semester of coursework at Kentucky State University. Quality points will be awarded only for work completed at Ken-

tucky State University. Transfer credit from non-accredited institutions will be placed on the student's academic record upon completion of the equivalent of one semester of full-time study with a grade-point average of 2.0 or above on all coursework attempted.

Upon completion of the evaluation of a transfer applicant's transcript(s), the Office of Records, Registration, and Admissions will inform the applicant in writing as to the transferability of previously completed coursework and the applicability of these credits to degree requirements at the University.

For students with an undeclared major, applicability of University-accepted credits to specific degree requirements will occur as part of the declaration of major process.



# CREDIT BY EXAMINATION/ CERTIFICATION AND FOR LIFE EXPERIENCE

With the exception of students in the Office Administration Program who receive credit for the Certified Professional Secretaries' (CPS) exam, up to one-fourth the minimum number of semester credit hours required for completion of a baccalaureate degree or an associate degree at Kentucky State University may be earned through any combination of credit by examination/ certification and credit for life experience. Credit by examination may be earned through Departmental Challenge Examinations and by satisfactory performance on College Level Examination Program tests, the Proficiency Examination Program, and the Advanced Placement Program examinations. Satisfactory performance on the latter three shall be based upon the score established by the appropriate University official. Credit (not a letter grade) shall be entered on the student's record by the Office of Records, Registration, and Admissions. Credit for Life Experience may be granted through the University's Community College.

## DEPARTMENTAL CHALLENGE EXAMINATIONS

A student intending to challenge a course must complete registration for the course, including payment of applicable fees, during the registration period and must receive the approval of his/her mentor/advisor and the chairperson of the department/division through which the course is offered. The chairperson may deny the request if it is decided that the student has not furnished evidence that he/she is reasonably prepared to take the challenge examination.

The challenge examination must be taken before the beginning of the third week of classes during the fall and spring semesters, but before the end of the first week of classes during a summer session. A student who wants to challenge a course must attend the respective class before taking the challenge examination.

The challenge examination will be comprehensive in nature and will have been approved by the dean or chairperson as an acceptable examination.

A passing grade on the challenge examination is the sole determinant of the "T" grade. No grade is assigned if the student fails the examination. Challenge examination grades will be reported on official Grade Roster at the conclusion of the semester/session.

If the student fails the challenge examination, then the student either may attend the class as a regular student or may choose to withdraw from the course. If the student chooses to withdraw from the course, then the University's existing withdrawal policies apply. A student may not take a challenge examination for classes previously failed.

A student may challenge a course only one time, and no challenge examination will be administered for courses for which College Level Examination Program (CLEP) examinations are available.

## Courses that may be Challenged by Departmental Challenge

University	Courses	Hours
ACC 261	Principles of Accounting I	3
ACC 262	Principles of Accounting II	3
BIO 220	Medical Terminology	2
CHE 109	Survey of General Chemistry	4
COS 101	Fundamentals of Microcomputer Programming—BASIC	3
COS 110	Computer Programming I—FORTRAN	3
COS 180	Advanced Microcomputer Programming Techniques	3
COS 230	COBOL I	3
ECO 311	Business Statistics I	3
EDU 294	Introduction to Teaching*	3
HED 221	Personal Health and Lifetime Fitness	2
INT 101	Engineering Drafting I	3
INT 124	Basic Electricity (AC and DC)	3
MAT 103	Foundations of Mathematics I	3
MAT 104	Foundations of Mathematics II	3
MAT 110	Intermediate Algebra	3
MAT 120	Precalculus	4
MAT 125	Linear Algebra and Differential Calculus with Business Applications	3
MAT 201	Calculus and Analytic Geometry I	5
OAD 100	Elementary Typing	2
OAD 103	Typing I	3
OAD 121	Introduction to Business	3
OAD 211	Elementary Stenography	3
OAD 212	Advanced Stenography	3
OAD 230	Word Processing	3
PUA 170	Public Sector Management	3
SCI 095	Science Process Skills	3

\*Examinee MUST document the field component of this course in order to receive academic credit.



ADVANCED PLACEMENT PROGRAM

The Advanced Placement Program (AP) is offered in participating high schools across the country. High school students should consult with their guidance counselor or principal regarding AP courses available in their school, how to register for them, and AP testing schedules and fees.

Currently, Kentucky State University awards semes-

ter credit hours for 15 of the AP examinations. (Some examinations provide credit for two courses.) Code 1368 should be used by the examinee to have the University designated as an AP examination score recipient.

Following are the University courses for which Advanced Placement Program credit is given, plus the appropriate AP examination for each and the minimum score required to receive University credit:

University Courses		Semester Credit Hours	AP Exam	Minimum Score
ART 201, 202	Art History Survey I and II	6	History of Art	3
BIO 101	Life Science	3	Biology	3
BIO 111	Principles of Biology	4	Biology	4
CHE 101	General Chemistry I	4	Chemistry	3
ECO 211	Principles of Economics I	3	Microeconomics	3
ECO 212	Principles of Economics II	3	Macroeconomics	3
ENG 101	English Composition and Rhetoric I	3	English Language and Composition	3
ENG 101, 102	English Composition and Rhetoric I and II	6	English Language and Composition	4
FRE 101	Elementary French I	3	French Language	3
FRE 101, 102	Elementary French I and II	6	French Language	4
GER 101	Elementary German I	3	German Language	3
GER 101, 102	Elementary German I and II	6	German Language	4
HIS 201	U.S. History to 1865	3	American History	3
HIS 201, 202	U.S. History to 1865 and since 1865	6	American History	4
MAT 201	Calculus and Analytic Geometry I	5	Calculus AB	3
MAT 201, 202	Calculus and Analytic Geometry I and II	10	Calculus BC	3
PHY 111	Introduction to Physics I	3	Physics B	3
PHY 211	General Physics I	4	Physics C: Mechanics	3
PHY 212	General Physics II	4	Physics C: Electricity and Magnetism	3
SPA 101	Elementary Spanish I	3	Spanish Language	3
SPA 101, 102	Elementary Spanish I and II	6	Spanish Language	4

COLLEGE LEVEL EXAMINATION PROGRAM

The College Level Examination Program (CLEP) is a series of standardized examinations recognized by many colleges and universities. Successful completion of these examinations enables students to receive credit for courses for which they have gained commensurate knowledge through reading and other experiences. Currently, Kentucky State University awards semester credit hours for 22 University courses through CLEP examinations.

The CLEP tests are given at the University once each semester. Students should take the appropriate CLEP examination the semester before the one which they would otherwise take the corresponding Kentucky State University course. If unsuccessful on the CLEP examination, students can register for the course during the next semester. Registration for the CLEP

examinations should be completed with the University's Testing Service within the first two weeks of the semester in which they will be taken.

For most of the CLEP examinations, Kentucky State University uses as the minimum passing score on the objective portions the "mean C" recommended by the Commission on Educational Credit of the American Council on Education. The notation "Essay/C" signifies that the essay portion of the CLEP examination must also be passed with a minimum grade of "C". The essay is graded by appropriate University faculty members.

For more information, including the current fees, contact the University's Testing Service. The University courses for which College Level Examination Program credit is given, plus the appropriate CLEP examination for each and minimum scores required to receive University credit, are the following:

University Courses		Semester Credit Hours	CLEP Examination	Minimum Score
BIO 101	Life Science	3	General Biology	50, Essay/C
BIO 111	Principles of Biology	4	General Biology	60, Essay/C
CHE 101	General Chemistry I	4	General Chemistry	47, Essay/C
COS 100	Introduction to Electronic Data Processing	3	Computers and Data Processing	47, Essay/C
ECO 211	Principles of Economics I	3	Introductory Microeconomics	47, Essay/C
EDU 221	Human Growth: Life Span Development	3	Human Growth and Development	45, Essay/C
ENG 101	English Composition and Rhetoric I	3	College Composition	47, Essay/C
FRE 101	Elementary French I and Elementary French II	6	College French	41
GER 101	Elementary German I and Elementary German II	6	College German	40
HIS 101	World Civilization I	3	Western Civilization I: Ancient Near East to 1648	46, Essay/C
HIS 102	World Civilization II	3	Western Civilization II: 1648 to the Present	47, Essay/C
HIS 201	U. S. History to 1865	3	American History I: Early Colonizations to 1877	45, Essay/C
HIS 202	U. S. History since 1865	3	American History II: 1865 to the Present	45, Essay/C
MGT323	Principles of Management	3	Introduction to Management	47, Essay/C
MKT351	Principles of Marketing	3	Introductory Marketing	48, Essay/C
POS 101	American Government	3	American Government	47, Essay/C
PSY 200	General Psychology	3	General Psychology	47, Essay/C
SOC 203	Principles of Sociology	3	Introductory Sociology	47, Essay/C
SPA 101	Elementary Spanish I and Elementary Spanish II	6	College Spanish	41



## PROFICIENCY EXAMINATION PROGRAM

Kentucky State University's Department of Nursing offers Licensed Practical Nurses (LPN's) the opportunity to be exempted from taking NUR 101 (Nursing I) by successfully completing the PEP Fundamentals of Nursing Examination and a nursing skills test administered by the Department of Nursing. A minimum of 50 is required on the PEP, and a satisfactory performance is required on the nursing skills test. Code 1516 must be used to designate Kentucky State University as a score recipient. Interested students should contact the Chairperson for the Department of Nursing.

## CREDIT FOR LIFE EXPERIENCE

"Credit for Life Experience" is a Kentucky State University option for earning academic credit that is available to adult students with significant learning generated by life experience. To earn academic University credit through this option a student: 1) must be an associate or baccalaureate degree-seeking student and have completed both ENG 101 (English Composition and Rhetoric I), and MAT 110 (Intermediate Algebra), or their equivalents at other institutions; 2) must have significant life experience that is equivalent to selected and approved coursework offered by the University; 3) must receive the coordinator's approval to enroll; and 4) the student must successfully complete the Portfolio Development (CLE 299) by the eighth week of classes during the next regular academic semester.

The successful completion of CLE 299 results in the development of a portfolio that documents the student's learning through life experience and becomes the basis for the formal request for the granting of academic credit. The interested student is advised that academic credit through assessment is granted only for cognate courses taught by the University's faculty as part of the degree programs of Kentucky State University. Academic credit is not available for any course that state or accrediting agency policy does not allow to be granted by assessment.

The portfolio can be assessed only after the student has been billed for and has paid a non-refundable fee equal to one-third the prevailing per semester credit hour tuition rate for the sum of all credits requested through the portfolio.

A student may earn up to one-fourth the minimum

number of semester credit hours required for completion of an associate or baccalaureate degree under the Credit for Life Experience option. A student who intends first to complete an associate degree program and then work toward a baccalaureate degree may "bank" credits above one-fourth the minimum number of semester credit hours, which would then become applicable toward a baccalaureate degree. Payment for "banked" credits shall be made at the time the student enters a baccalaureate degree program of the University. The payment will amount to one-third of the then-appropriate prevailing tuition rate.

A student is eligible to take CLE 299 and to complete the assessment process only once in each five-year period.

The Credit for Life Experience program is administered by the University's Community College. Inquiries about the program should be directed to the Community College.

## ARMED SERVICE CERTIFICATION CREDIT

Armed service school courses taken by armed service personnel will be granted credit as recommended in the Guide to the Evaluation of Educational Experience in the Armed Services. Certificates of completion of such courses must be presented for the awarding of credit.

## VOCATIONAL SCHOOL ARTICULATION AGREEMENT

Kentucky State University, through an articulation agreement with regional post-secondary vocational and technical schools, awards semester credit hours to applicants who continue their technical field of study in Industrial Technology or Office Administration at the University. Inquiries relating to this agreement should be directed to the Community College.

## CERTIFIED PROFESSIONAL SECRETARIES' (CPS) DESIGNATION

Kentucky State University awards semester credit hours to applicants who have successfully completed the Certified Professional Secretaries' (CPS) exam and maintain current CPS designation. Inquiries relating to this exam should be directed to the Community College.

## TESTING SERVICE

The University's Testing Service is responsible for the administration, scoring, reporting, and record keeping for a number of nationwide standardized testing programs and services, as well as for specialized institutional testing programs and services.

The specific tests and programs may vary as the University's programs change, but they currently include the following:

1. *The General Educational Development tests (GED)* (high school equivalency test);
2. *The American College Testing Program (ACT)* (the preferred entrance test for Kentucky State University);
3. The reporting and collation of all the University's placement tests (the actual administration of such tests is completed by the appropriate department);
4. A basic skills comprehensive test is required of all freshmen, second-semester sophomores, and applicants to the Teacher Education Program;
5. *The College Level Examination Program (CLEP)* (a procedure for receiving college credit for specific courses by passing the corresponding national examination);
6. *The Graduate Record Examinations (GRE)* (required for entrance or full acceptance into many graduate schools, including the University's Master of Public Administration program);
7. *The National Teacher Examinations (NTE)* (required for certification by the Kentucky Department of Education as well as for certification in many other states);

8. *The Scholastic Aptitude Test/Achievement Tests (SAT/ACH)* (required by some colleges or universities for entrance and may be used as an alternate test for admission to Kentucky State University in certain cases);

9. *Correspondence examinations* (for persons taking courses by correspondence from other universities).

In addition, the Testing Service has the official registration forms for other testing programs, such as the Graduate Management Admissions Test (GMAT), the Law School Admissions Test (LSAT), and the Medical College Admissions Test (MCAT). The Testing Service also receives test scores from other programs, such as the Advanced Placement Program and the Test of English as a Foreign Language, and distributes these scores to the proper University units. Moreover, the Testing Service offers consultation services and workshops to students, faculty, staff, and administrators on a variety of test-related topics, including test preparation, test-taking skills, and test usage and interpretation.

Students planning to take any of the above tests should keep in mind that most tests are given only a few times a year on specific dates. The date selected should provide time for the scores to be received by the institution by the announced deadline. (Ordinarily it takes four to six weeks after the test for the results to be available.) Most tests require registration about one month in advance of the actual test date.

Complete details on the above testing services and programs including test/registration deadlines and fees are available from the Testing Service. Information on the ACT, Advanced Placement exam, and SAT is also available from high school counselors or principals.





# STUDENT EXPENSES

Expenses associated with attending Kentucky State University are intentionally kept as reasonable as possible to help assure access to the University's programs. Tuition fees are established for all public higher education institutions in Kentucky by the state Council on Higher Education. During the 1990-91 academic year, the following academic year expenses apply:

Resident (in-state) students	Undergraduate
Tuition*	\$1,180.00
Student activity fee	66.00
Board	1,354.00
Room** (double occupancy)	1,114.00
Insurance	66.00
Total	\$3,780.00

Non-resident (out-of-state) students	Undergraduate
Tuition*	\$3,540.00
Student activity fee	66.00
Board	1,354.00
Room** (double occupancy)	1,114.00
Insurance	66.00
Total	\$6,140.00

\*1991-92 In-state tuition: \$1,300.00  
Out-of-state tuition: \$3,900.00

\*\*Single occupancy per annum:  
Regular \$1,608.00

Additional money should be budgeted for other expenses. Books and supplies will cost an estimated \$510 per year, and personal expenses are estimated at \$700-\$900 a year.

Tuition for part-time undergraduate students — those carrying fewer than 12 semester credit hours a semester — in 1990-91 is \$49 a semester credit hour for Kentucky residents and \$148 a semester credit hour for non-residents.

Graduate student tuition for 1990-91 is \$1,300 a year for Kentucky residents and \$3,900 a year for non-residents. Graduate student tuition for 1991-92 is \$1,440 a year for Kentucky residents and \$4,320 a year for non-residents. Activity fee, room and board charges, and insurance costs for graduate students are the same as those for undergraduates.

Tuition for part-time graduate students — those carrying fewer than 9 semester credit hours a semester — in 1990-91 is \$72 a semester credit hour for Kentucky residents and \$216 a semester credit hour for non-residents.

The cost of attending the University is considerably

less than that at private liberal arts institutions to whose academic programs and institutional goals the University may be best compared. Kentucky State University acknowledges, however, that many students require some form of financial assistance in order to support their study at the University. Kentucky State University provides a wide range of such support through a program of scholarships, grants, college work-study, and low-interest loans. Approximately 80 percent of the students currently enrolled in the University receive some form of financial assistance, based upon individual need or merit. Information about financial assistance is in the Catalogue section, Financial Aid and Scholarships.

All fees are subject to change without notice.



## SCHEDULE OF FEES AND EXPENSES, 1990-91

### Semester Costs for Full-time Students

BOARDING STUDENTS			NONBOARDING STUDENTS	
In-State	Undergraduate	Graduate	Undergraduate	Graduate
Tuition	\$590.00	\$650.00	\$590.00	\$650.00
Board	677.00	677.00	.00	.00
Room (double occupancy)*	557.00	557.00	.00	.00
Student activity fee	33.00	33.00	33.00	33.00
Insurance	33.00	33.00	33.00	33.00
Total	\$1,890.00	\$1,950.00	\$656.00	\$716.00
Out-of-State	Undergraduate	Graduate	Undergraduate	Graduate
Tuition	\$1,770.00	\$1,950.00	\$1,770.00	\$1,950.00
Board	677.00	677.00	.00	.00
Room (double occupancy)*	557.00	557.00	.00	.00
Student activity fee	33.00	33.00	33.00	33.00
Insurance	33.00	33.00	33.00	33.00
Total	\$3,070.00	\$3,250.00	\$1,836.00	\$2,016.00

\*Single occupancy per semester: Regular \$804.00

### Semester Credit Hour Costs for Part-time Students

Undergraduate	Graduate
In-state .....\$49.00 per semester credit hour	In-state .....\$72.00 per semester credit hour
Out-of-state .....\$148.00 per semester credit hour	Out-of-state .....\$216.00 per semester credit hour

A student enrolled for 12 or more semester credit hours constitutes a full-time undergraduate student. A student enrolled for 9 or more graduate-level semester credit hours constitutes a full-time graduate student.

All fees are subject to change without notice.

### Course and Laboratory Fees

<b>Art</b> ART 101, 102, 104, 113, 130, 240, 245, 305, 307, 315, 317, 319, 340, 345, 405, 407, 415, 417, 419, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 451, 452, 453 \$5/course	<b>Industrial Technology</b> INT 101, 102, 104, 124, 125, 126, 128, 141, 142, 201, 202, 203, 225, 227, 228, 243, 249, 253, 263 \$5/course
<b>Biology</b> BIO 101, 107, 108, 111, 204, 210, 212, 301, 302, 303, 304, 305, 307, 308, 309, 310, 403, 404, 405, 408, 410 \$5/course	<b>Music</b> Private lessons for fall and spring: Piano, Voice, and Organ— 1 half-hour lesson/week \$30.00 2 half-hour lessons/week \$50.00
<b>Chemistry</b> CHE 101, 102, 201, 202, 203, 307, 308, 312, 314, 315 \$10/course	<b>Nursing</b> NUR 101, 102, 201, 202 \$25/course Annual insurance fee \$12.50
<b>Child Development and Family Relations</b> CDF 315, 407, 408 \$5/course	<b>Office Administration</b> OAD 103, 104, 211, 212, 222 \$5/course
<b>Food and Nutrition</b> FNU 101, 202, 401 \$5/course	<b>Physical Sciences</b> PHS 203 \$5/course



**Physics**  
PHY 111, 112, 207, 208, 211, 212, 312, 320, 340, 361  
\$5/course

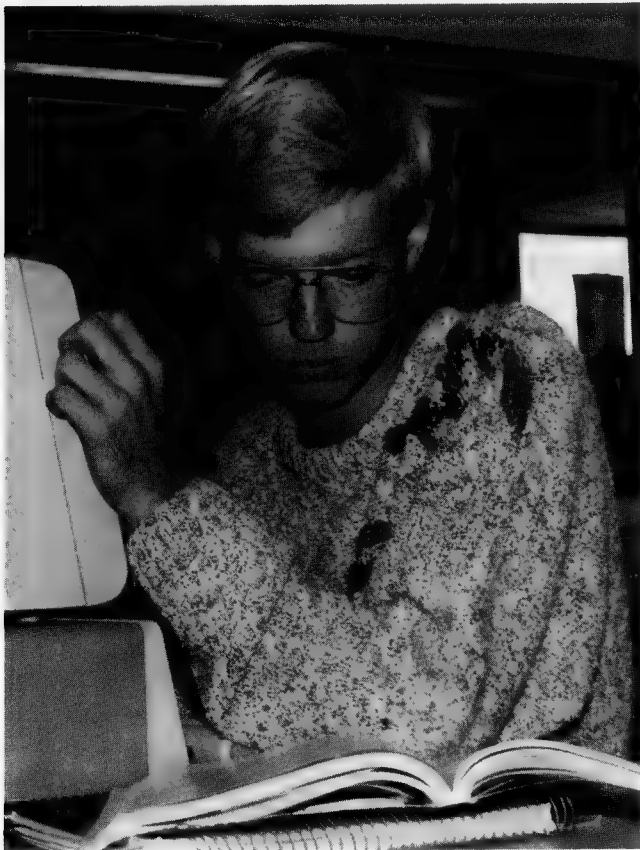
**Public Administration**  
PUA 797  
\$216/course

**Reserve Officer Training Corps (ROTC)**  
MLS 301, 302, 341, 342  
\$5/course

**Textiles, Clothing and Merchandising**  
TCL 221, 222  
\$5/course

**Computer Usage Fee**

There is a mandatory charge of \$10.00 per semester for each full-time student and a \$5.00 fee for each part-time student [full-time is defined as 12 or more semester credit hours (graduate, 9 semester credit hours) and part-time undergraduate is defined as less than 12 semester credit hours (graduate, less than 9 semester credit hours)]. All students taking three or more courses in any semester which require the use of direct computing support through classes or laboratory periods will incur an additional \$5.00 charge



per semester or a total of \$15.00 if a full-time student, \$10.00 if a part-time student. These mandatory fees will be dedicated to the future replacement/upgrade of computer acquisitions as well as to offset the cost of current provisions of equipment, software, and operating expenses.

**Other Fees**

<b>Miscellaneous</b>	
Auto Registration	\$15/year
Bulletin of Information/ Registration Form Mailing	\$1
Deferred Payment	\$25/semester
Drop/Add	\$5/add or drop
Graduation	\$15.50/(excluding cap & gown)
Late Registration	\$15/semester
Meal Card Replacement	\$10/card
<b>Processing Fee for Unused Test</b>	
ACT	\$2
CLEP	\$6
CPP-2	\$2
GED	\$2
Returned Check	\$15
Social	\$5/year
Student Activity	\$33/semester
Student Health	\$33/semester OR \$16/summer session
Student ID Card Replacement	\$10
Transcript	\$2 (one free with degree)
<b>Testing</b>	
ACT	National \$11.50
CLEP	\$35/one test \$35 each additional test on same date
CPP-2	\$15
GED	\$10/test
GMAT	\$30
GRE	General \$35
LSAT	\$55
MCAT	\$95
NTE	\$30/one core test; \$50/two core test (same day); \$70/three core test (same day); \$45 specialty area
PEP	\$40
<b>Residence Hall</b>	
Room Reservation	\$45
Damage Deposit	\$25
Key Deposit	\$10
Key Replacement	\$15

All fees are subject to change without notice.

**DEFERRED PAYMENT PLAN:  
FEE AND PAYMENT SCHEDULE**

A deferred payment fee of \$25 will be added each semester if a student does not have the entire amount to cover the cost for that semester at its beginning. In such case, the student will be required to sign a promissory note and make payment in accordance with the following schedule:

PAYMENT DUE	AMOUNT OF PAYMENT DUE
<b>Fall Semester</b>	
By registration	One-half of tuition, room, board, and the total of other fees
By the first Friday of October	One-quarter of tuition, room, and board
By the first Friday of November	The remaining balance of tuition, room, and board
— For fall semester, 1990 the following dates are applicable: date of registration; October 5; and November 2, 1990.	
— For fall semester, 1991 the following dates are applicable: date of registration; October 4; and November 1, 1991.	
<b>Spring Semester</b>	
By registration	One-half of tuition, room, board, and the total of other fees
By the first Friday of March	One-quarter of tuition, room, and board
By the first Friday of April	The remaining balance of tuition, room, and board
— For spring semester, 1991 the following dates are applicable: date of registration; March 1; and April 5, 1991.	
— For spring semester, 1992 the following dates are applicable: date of registration; March 6; and April 3, 1992.	

**TUITION AND FEE REFUND POLICY**

Students withdrawing from the University or dropping credits that result in a change in the assessment of fees will be eligible for a refund of fees based on the dates and conditions listed below. No refund can be made on certain fees and optional fees as established by the Kentucky State University Board of Regents. The date of completion of the withdrawal/drop determines the percent of refund for which the student is eligible. A withdrawal/drop is

complete when the necessary forms have been completed and received in the office designated as follows:

Fall/Spring Semester & Summer Session Withdrawal	All students	Counseling, Career Planning and Placement
Fall/Spring Semester & Summer Session Dropping classes	All students	Records, Registration, and Admissions

**Tuition and Fee Refunds**

For purposes of calculating refunds of fees paid, "weeks" are counted as seven-day periods beginning with the first day of classes for a semester, and "days" refers to University working days. Percentages of fees for refunds are based on the following:

**Fall and Spring Semesters**

100 percent refund — Prior to the first day of classes and during the first week of classes  
75 percent refund — During the second week of classes  
50 percent refund — During the third week of classes  
25 percent refund — During the fourth week of classes  
No refund will be made after the fourth week of classes

**Summer Session**

100 percent refund — Prior to close of late registration  
75 percent refund — Two days after close of late registration  
50 percent refund — Next four days after close of late registration  
25 percent refund — Next two days after close of late registration  
No refund will be made nine days after close of late registration

**ROOM AND BOARD REFUNDS**

No refund of room and board fees will be made or adjusted for students withdrawing for the academic year or moving out of the dormitories if not completed within a 48-hour period from the official date of registration, unless approved by the Vice President for Student Affairs.

**REFUND APPEAL PROCESS**

A committee composed of the Vice President for Business Affairs, Vice President for Student Affairs,



and Vice President for Academic Affairs or their designees and chaired by the Vice President for Student Affairs reviews all appeals from students or parents/guardians who feel that individual circumstances warrant exception from this policy. Requests for appeals should be sent to the Vice President for Student Affairs.

### FEE ASSESSMENT: CLASSIFICATION OF STUDENTS

*The following is a statewide policy affecting students at all public higher education institutions in Kentucky, including Kentucky State University. It was established by the state Council on Higher Education, Kentucky's higher education coordinating agency.*

#### Necessity and Function:

Public institutions of higher education were established and are maintained by the Commonwealth primarily for the benefit of qualified residents of Kentucky. The substantial commitment of public resources to higher education is predicated on the proposition that the state benefits significantly from the existence of an educated citizenry. As a matter of policy, access to higher education is provided so far as practicable at reasonable cost to residents of the state. It is the long-standing practice of the Council on Higher Education to require students who are not Kentucky residents to meet higher admission standards and to pay a higher level of tuition than resident students whose presence in the state reasonably assures that they or, in appropriate instances, their parents have already contributed, or will contribute, substantially to the state in their capacity as resident citizens. The Commonwealth of Kentucky employees residency requirements in various ways to determine voting rights, income tax liability, employment in certain occupations, etc., and the requirements vary in form and substance for each of these uses. The purpose of this policy is to establish a process and corresponding criteria for the residency classification of students seeking admission to, or enrolled in, public institutions of higher education.

Furthermore, it is the intent of the Council on Higher Education that this policy be interpreted and applied in a uniform manner, as described herein, in determining whether students shall be classified as residents or non-residents for admission and fee assessment purposes.

### SECTION 1.

#### Definitions.

The language of this policy on residency classification contains some legal terms as well as everyday terms which, of necessity, have specialized meaning in the

determination of residency for admission and fee assessment purposes. The following definitions shall be controlling in the interpretation and application of this policy. Wherever used in this policy:

1. The terms "institution of higher education" or "college" shall refer to all institutions, public or private, offering instruction and conferring degrees beyond the secondary school level, such as four-year colleges/universities, seminaries, two-year institutions (community colleges and junior colleges), and postsecondary vocational/technical schools.
2. The word "domicile" shall denote a person's true, fixed, and permanent home. It is the place where he/she intends to remain, and to which he/she expects to return when he/she leaves without intending to establish a new domicile elsewhere. "Legal residence" and domicile convey the same notion of permanence and are used interchangeably.
3. The term "emancipated person" shall mean a person:
  - A. who has attained the age of majority;
  - B. whose parent has not claimed such person as a dependent on federal and/or state income tax returns for the preceding tax year;
  - C. who demonstrates the financial ability to provide at least 70 percent of his/her cost of education, e.g., tuition/fees, books/supplies, room and board/maintenance, and transportation, as determined by the institution's financial aid policy and the student's residency classification; and
  - D. whose parents' income is not taken into account by any private or governmental agency furnishing educational financial assistance to such person, including scholarships, loans, and other assistance.
4. The term "unemancipated person" shall mean a person who is unable to meet all of the criteria listed in Section 1(3).
5. The word "parent" shall mean one of the following:
  - A. a person's father or mother, or
  - B. a court-appointed legal guardian of an unemancipated person. The word "parent" shall not apply if the guardianship has been established primarily for the purpose of conferring the status of resident on a person.
6. Attendance at a college or colleges shall be deemed "continuous" if the person claiming "continuous" attendance has been enrolled for consecutive regular semesters since the beginning

of the period for which continuous attendance is claimed. Such person need not attend summer sessions in order to render his/her attendance "continuous." The sequence of continuous attendance is broken if the student fails to enroll, except under extenuating circumstances beyond the student's control, e.g., serious personal illness/injury, illness or death of parent, etc., during either the fall or spring semester.

7. "Full-time employment" means employment for fifty work weeks at an average of 35 hours per week.
8. A "presumption" refers to a fact which is considered proven unless clear and convincing evidence to the contrary can be established. Each individual must be given the opportunity to rebut the presumption.
9. "Documentation" refers to the submission of source documents, e.g., official letters, papers, or sworn statements. As a general rule, evidence cited as the basis for domicile must be documented, and the required documentation should accompany the application for residency classification.

### SECTION 2.

#### Guidelines for Determination of Residency.

1. Initial classification of residency shall be determined based upon the facts existing when the conditions governing admission for a specific semester/term have been met.
2. The domicile of an unemancipated person is that of either parent. The domicile of the parent shall be determined in the same manner as the domicile of an emancipated person.
3. Any unemancipated person who remains in this state when his/her parent(s), having domicile in this state, moves from this state shall be entitled to classification as a resident while in continuous attendance at the degree level in which he/she is currently enrolled. When continuous attendance is broken or the current degree level is completed, the person's residency classification must be reassessed in accordance with the appropriate sections of this policy.
4. An unemancipated person whose parent is a member of the Armed Forces and stationed in this state on active duty pursuant to military orders shall be classified as a resident. The student, while in continuous attendance at the degree level in which he/she is currently enrolled, shall not lose his/her resident status when his/her parent

is thereafter transferred on military orders. When continuous attendance is broken or the current degree level is completed, the person's residency classification must be reassessed in accordance with the appropriate sections of this policy. This guideline is invalid if the parent is stationed in Kentucky for the purpose of enrollment at an institution of higher education or on a temporary assignment of less than one year.

5. Upon moving to this state, an emancipated person who provides clear and convincing evidence of domicile may apply for resident classification of his/her unemancipated children. Provided that the person is not in this state primarily as a student, his/her unemancipated children may be classified as residents. If the person is in Kentucky primarily for the purpose of enrollment at an institution of higher education, neither that person nor his/her unemancipated children may be classified as residents.
6. A member of the Armed Forces of the United States stationed in Kentucky on active military orders is considered domiciled in the state and shall be entitled to classification as a resident while on active duty in this state pursuant to such orders. Individuals classified under this section will be reassessed in accordance with the appropriate sections of this policy when the qualifying condition is terminated. This rule is invalid if the individual is stationed in Kentucky for the purpose of enrollment at an institution of higher education or on temporary assignment of less than one year.
7. An emancipated person who moves to the Commonwealth within six months from the date of discharge from active duty with the military with the stated intent of becoming a legal resident of the Commonwealth shall be permitted to count such time spent in the military service toward meeting the presumptions outlined in Section 3, provided the individual was a legal resident of Kentucky at the time of induction or his/her home of record and permanent address during and at the time of discharge were Kentucky.
8. In the event of transfer to, or matriculation in, another Kentucky public institution of higher education, the student's residency classification must be reassessed by the receiving institution.
9. Any person incarcerated in a penal facility located in Kentucky shall be granted resident status during his/her confinement, but his/her residency classification must be reassessed in accordance



with the appropriate sections of this policy upon his release from confinement. Time served during incarceration shall not be used to establish domicile unless the individual resided in the Commonwealth prior to confinement or the conditions of parole restrict the location of the individual to the Commonwealth.

10. Any person holding an immigration visa or classified as a political refugee has the capacity to remain in Kentucky indefinitely and shall establish domicile in the same manner as any other person.
11. Any person holding a temporary, non-immigrant visa which requires the maintenance of a foreign domicile — visa designations B, F, J, or M — does not have the capacity to remain in Kentucky indefinitely and may not attain Kentucky resident status for fee assessment purposes. Likewise, any person holding a non-immigrant visa designation C, D, or K may not attain Kentucky resident status for fee assessment purposes due to the transitory or temporary nature of the visa.
12. Any person holding a non-immigrant visa — visa designations A, E, G, H, I, or L — may remain in Kentucky indefinitely as long as his/her authorized purpose or established need continues and may attain Kentucky resident status for fee assessment purposes. In assessing the residency status of such a person, other sections of this policy shall apply, and the person's purpose and length of stay as well as other conditions governing his/her presence in Kentucky shall be determined and considered. If this review justifies a resident classification, the person shall be classified as a resident for fee assessment purposes.
13. In the event that an emancipated person or the parent of an unemancipated person moves out-of-state, domicile, having been established in Kentucky, is retained until steps are taken to establish domicile elsewhere. The same facts and conditions which are presumed in establishing a Kentucky domicile are similarly presumed in determining when a former Kentucky domicile has been abandoned. In the absence of clear and convincing evidence as to the domicile of an emancipated person who at one time had domicile in Kentucky, that person is presumed to have lost his/her Kentucky domicile upon a one-year absence from the state.

### SECTION 3.

#### Presumptions.

Unless the contrary appears from clear and convincing evidence, it shall be presumed that:

1. The domicile of an unemancipated person whose parents are divorced, separated, or otherwise living apart shall be presumed to be Kentucky if either parent is a resident of the Commonwealth regardless of which parent has legal custody or is entitled to claim that person as a dependent pursuant to Kentucky income tax provisions.
2. Every emancipated person remaining in this state in a non-student status (i.e., not enrolled in an institution of higher education) for the twelve months immediately preceding the last date for enrollment in the institution and fulfilling conditions associated with domicile shall be presumed to be a resident for admission and fee assessment purposes.
3. No emancipated person shall be presumed to have gained resident status while attending any institution of higher education more than half time (half time being equal to one-half of full-time), as such status is defined by the governing board of such institution, in the absence of a clear demonstration that he/she had established domicile in the state.
4. Attending college half time (half time being equal to one-half of full-time) or less will not prevent an emancipated person who has full-time employment from establishing domicile.
5. A student who has been classified non-resident is presumed to continue as non-resident while working part-time.
6. The domicile of a married person shall be determined in the same manner as the domicile of an unmarried person. While no person shall be presumed, solely by reason of marriage or cohabitation, to have established or to have lost domicile in Kentucky, the fact of marriage or cohabitation and the place of domicile of the spouse or cohabitant are deemed relevant evidence in ascertaining domicile.
7. A student whose admission records show him/her to be a graduate of an out-of-state high school or his/her residence to be outside of Kentucky at the time of application for admission is presumed to be a non-resident and will be initially so classified.

### SECTION 4.

#### Types of Evidence to be Considered for Establishment of Domicile.

Evidence submitted on behalf of an unemancipated person must pertain to the domicile of either parent. Initial classifications generally are made on the basis of information derived from admissions materials, and individuals who enroll in college immediately following graduation from high school and remain enrolled are treated as unemancipated persons unless the contrary is evident from the information submitted. In such cases, domicile will be inferred from the student's permanent address, parent's mailing address, and/or location of high school of graduation.

A person claiming emancipated status must document his/her independent status under Section 1(3) and must demonstrate that he/she has established a domicile in Kentucky by his/her own act. If an emancipated person asserts that he/she has established domicile in Kentucky, he/she has the burden of proving he/she has done so. The following statements pertain to the kinds of evidence and required documentation that will be considered in reviewing an assertion by an emancipated person that he/she is domiciled in Kentucky.

1. The following facts, although not conclusive, have probative value in support of a claim for resident classification.
  - A. acceptance of an offer of full-time employment or transfer to an employer in Kentucky or contiguous area while maintaining legal residence in Kentucky;
  - B. continuous physical presence in a non-student status for the 12 months immediately preceding the last date for enrollment in the institution;
  - C. filing of Kentucky resident income tax returns when absent from the state;
  - D. full-time employment of at least one year while living in Kentucky;
  - E. attendance as a full-time, non-resident student at an out-of-state institution of higher education while determined to be a resident of Kentucky; or
  - F. abandonment of a former domicile and establishing domicile in Kentucky with attendance at an institution of higher education following and only incidental to such change in domicile.

2. The following facts are not necessarily sufficient evidence of domicile:

- A. employment by an institution of higher education as a fellow, scholar, assistant, or in any position normally filled by student;
- B. a statement of intent to acquire a domicile in Kentucky;
- C. voting or registration for voting;
- D. lease of living quarters;
- E. payment of local and state taxes;
- F. Kentucky automobile registration;
- G. Kentucky operator's license;
- H. continued presence in Kentucky during vacation periods;
- I. marriage to or cohabitation with a Kentucky resident; or
- J. ownership of real property in Kentucky. Domicile shall not ordinarily be conferred by the performance of acts which are auxiliary to fulfilling educational objectives or are performed as a matter of convenience. Mere physical presence in the state for educational purposes is not sufficient evidence of domicile.

3. The determination of domicile must be based upon verifiable circumstances or actions. Sections 4(1) and 4(2) above list some facts that may be relevant in evaluating a claim to domicile, but other facts pertaining to an individual's situation may be considered. No single fact is paramount, and each situation must be evaluated to identify those facts which are essential to the determination of domicile.

When reviewing the evidence and documentation submitted, institutions may request additional evidence and/or documentation to clarify the person's circumstances and to formulate a classification decision which considers all relevant facts.

**Responsibilities.** The responsibility for registering under the proper residency classification is that of the student. It is the student's obligation, prior to the time of registration, to raise questions about residency classification with the administrative officials of the institution in which he/she is registering for an official determination of status. A student classified as resident who becomes non-resident by virtue of a change of domicile by his/her own action or by person(s) controlling his/her domicile is required to notify the



proper administrative officials of the institution at once. A student classified as non-resident will be considered to retain that status until he/she makes written application for reclassification in the form prescribed by the institution and is officially reclassified by the proper administrative officials. The effective date of a residency classification cannot pre-date the date of application for reclassification.

Each institution is responsible for establishing procedures for the collection of sufficient information in support of residency classifications, maintaining accurate files, and administering this policy in a consistent manner.

## SECTION 5.

### Residency Classification Procedure.

Each institution shall establish a procedure for the initial determination of residency classification based upon this policy. To consider student requests for reclassification, each institution shall establish a committee, hereafter, the "Committee," to consider changes in residency classification. Application for change of residency classification shall be made in writing to the administrative office or to the person designated by the institution for this purpose. To support full consideration of a request for a change in residency classification, each application shall consist of a complete affidavit, the content of which prescribes the necessary documentation to substantiate facts cited. The student must provide all information relevant to a determination of his/her current residency status. Each applicant is encouraged to submit a formal statement indicating the basis for his/her claim to resident status.

The student working with the institutional classification officer is responsible for ensuring that all needed documentation is submitted with his/her affidavit. Incomplete applications may be deferred at the discretion of the Chair of the Committee. The Chair will present each case to the Committee for a decision, and the student will be notified in writing as to the disposition of his/her application.

In the event of a ruling by the Committee which is unsatisfactory to the student, the student may appeal the institutional decision and request that a complete copy of his/her file, i.e., affidavit, documentation, the student's statement if submitted, be submitted by the administrative office or the person designated by the institution to the Executive Director of the Council on Higher Education.

**Appeal Procedure.** The Executive Director of the Council on Higher Education shall appoint a person to serve as an appeals officer. The appeals officer shall

review all residency appeals from the public institutions of higher education.

A student may appeal the decision of the Committee within fourteen (14) calendar days of such decision to the Council on Higher Education by giving written notice to the Chair of the Committee or the person or office designated by the institution. The institutional representative designated to handle appeals is responsible for forwarding a complete record of the matter to the Executive Director of the Council on Higher Education.

1. The student's written notice of appeal need not be in any prescribed form, but it must clearly state reasons for the appeal.
2. The institution shall forward a complete copy of the student's file within fourteen (14) calendar days of the receipt of a notice of appeal. The student may review the content of his/her file before it is forwarded to the Council on Higher Education. Significant new evidence may warrant a new hearing by the Committee before the matter is referred to the Council on Higher Education.
3. The appeal shall be considered on the written record alone.
4. The appeals officer shall review findings of fact, draw conclusions, and formulate a recommendation consistent with the facts and this policy. Within fourteen (14) calendar days, the report of the appeals officer shall be forwarded to the institutional representative designated to handle appeals for final disposition by the institution in accordance with established institutional procedures. A copy of that report shall be forwarded to the Executive Director of the Council on Higher Education. The institution shall act on the appeal within twenty-one (21) calendar days of the receipt of the appeals officer's report.
5. Within seven (7) calendar days, the institution shall notify the student of the final disposition of his/her appeal.

## SECTION 6.

### Statewide Meetings.

To enhance consistency among the institutions in the interpretation and application of this policy, the institutional residency officers shall meet twice a year with Council staff and the appeals officer to discuss the residency policy, institutional classification procedures, and decisions made by the appeals officers.

## SECTION 7.

### Effective Date.

These revised guidelines became effective on July 1, 1987, and supercede all previous policies of the Council relating to classification of students for fee assessment purposes.

## UNIVERSITY RESIDENCY PROCESS AND APPEALS

The Office of Records, Registration, and Admissions determines the residency status of students at the time of application to the University. A student, whether a new applicant or a currently enrolled student, who questions his/her residency status, should direct all in-

quiries to the Office of Records, Registration, and Admissions. Upon completion of the required affidavit by the student and provision of all required documentation, a residency decision will be made by the Office of Records, Registration, and Admissions. A student may appeal this decision to the University Residency Appeals Committee, which is established to consider residency-classification appeals, through the Office of Records, Registration, Admissions. If the decision by the committee is not satisfactory, a student may make a final appeal to the Executive Director of the Council on Higher Education. (See page 54 of this Catalogue.) The student will be notified in writing of the decision rendered at each level of the appeal.





# FINANCIAL AID AND SCHOLARSHIPS

## APPLYING FOR FINANCIAL AID

### Fall and Spring Semesters

Administration of financial assistance is the responsibility of the Kentucky State University's Office of Student Financial Aid. Students and parents are urged to read the following information with particular care. Established University policies are strictly adhered to in both the award and termination of University financial assistance. Important federal guidelines must also be followed.

### New Freshmen and Transfer Students

Five specific steps must be followed before a freshman or transfer student may be officially considered for financial assistance:

1. Every applicant must be accepted on at least a half-time basis in an eligible degree or certificate program before being considered for financial assistance.
2. The prospective student must submit official application materials for admission to the Office of Records, Registration, and Admissions.
3. Every applicant for financial assistance must complete a Financial Aid Form (FAF). This form, together with instructions for its completion, may be obtained either from a high school counselor or directly from the University's Office of Student Financial Aid. *The FAF should be completed and mailed to the College Scholarship Service as early as possible in January or February, but no later than April 15.* The College Scholarship Service Code Number for Kentucky State University is 1368.
4. Every applicant for financial assistance from the University must apply for a Pell Grant. Application information will be sent automatically to the Pell Grant Processor if the student checks "Yes" to the question on the FAF which asks: "Do you give CSS permission to send information from this FAF to the U.S. Department of Education?"
5. Every applicant must supply verification of income by submitting copies of both the parents' and student's federal income tax returns. If a parent or student did not file a tax return, a Statement of Non-Tax Filing must be completed and submitted to the Financial Aid Office. Each of the preceding steps must be completed before a student's application for financial assistance can be considered by the University. Transfer students

are responsible for ensuring that a Financial Aid Transcript is forwarded to Kentucky State University from each college or university previously attended.

### Continuing Students

Three specific steps must be followed before a student already in attendance at the University may be officially considered for financial aid (either its initial award or its continuation):

1. Every applicant must complete a new Financial Aid Form (FAF) *each year*. The FAF should be completed and returned to the College Scholarship Service in early January or February, *but no later than April 15*. This form, together with instructions for its completion, may be obtained from the University's Office of Student Financial Aid.
2. Every applicant for financial assistance from the University must apply for a Pell Grant. Application information will be sent automatically to the Pell Grant Processor if the student checks "Yes" to the question on the FAF which asks: "Do you give CSS permission to send information from the FAF to the U. S. Department of Education?"
3. Every applicant must supply verification of income by submitting copies of both the parents' and student's federal tax returns. If a parent or student did not file a tax return, a Statement of Non-Tax Filing must be completed and submitted to the Financial Aid Office.

Each of the preceding steps must be completed before a student's application for financial assistance can be considered by the University.

### Summer Sessions

Students applying for financial aid for a summer session must submit two forms, the Financial Aid Form (FAF) and the University's Financial Aid Fact Sheet. The following conditions apply:

1. If an FAF has been submitted for the immediately preceding academic year, a new FAF is not required in order to apply for financial aid for a summer session. Otherwise, a new FAF must be submitted *before April 15*.
2. A University Financial Aid Fact Sheet must be submitted by every applicant seeking financial assistance *before May 30* for a summer session.

## TYPES OF FINANCIAL AID

### State Student Incentive Grant (SSIG)

Students who are Kentucky residents may apply for a grant from the Commonwealth of Kentucky. They must complete a Kentucky Financial Aid Form (KEAF), which is available from the Kentucky Higher Education Assistance Authority (KHEAA) or the University's Financial Aid Office. To receive this grant, students must answer the KHEAA State Grant questions on the KEAF and pay the appropriate fee.

### Pell Grant Program

The Pell Grant Program is the largest federal student aid program available to undergraduate students. It provides gift assistance to eligible students and is the "foundation" of financial aid packaging. Student eligibility is based on financial need, which is determined through statutory formulas developed by the U.S. Congress. The Pell Grant Processor will send a three-part Student Aid Report (SAR) directly to the student. This SAR should be submitted to the Financial Aid Office immediately upon receipt. The Financial Aid Office will calculate the amount of a student's Pell Grant award based upon information contained on the SAR.

### Supplemental Educational Opportunity Grants

The Supplemental Educational Opportunity Grant is a form of gift assistance supplemental to the Pell Grant. SEOG provides grant assistance to make available the benefits of postsecondary education to qualified students who demonstrate financial need. Applicants must complete the FAF to determine eligibility for this grant.

### The Perkins Loan Program

Kentucky State University provides loan assistance to eligible students who have established financial need. These loans carry an annual 5 percent simple interest charge, and the payment begins six months after graduation or withdrawal from the University. This is a federally funded, low-interest loan, and legal action will be taken if repayment is not made as agreed. The FAF must be filed in order to determine eligibility for this loan.

### The Stafford Student Loan Program (formerly GSL)

This program provides low-interest educational loans through a bank, savings and loan association, credit union, or a Guaranteed Student Loan agency in the student's state of legal residence. The student does not begin repayment on the loan until six months after graduation or withdrawal from the University. At that time, the annual interest on the loan will begin to accrue at a rate of 8 percent. These loans are also based

on financial need. Information and application forms are available in the University's Financial Aid Office.

### Parent Loan for Undergraduate Student (PLUS)

Parent loans for undergraduate students are provided through a lending institution such as a bank, credit union, savings and loan association, or state lending agency. Parents may borrow up to \$4,000 per year for each dependent child enrolled on at least a half-time basis. Repayment of a PLUS loan begins within 60 days of loan disbursement, and the interest rate for these loans is a maximum of 12 percent.

### Supplemental Loan for Students (SLS)

Self-supporting undergraduate and graduate students enrolled on at least a half-time basis are eligible for the Supplemental Loan for Students. This loan is provided through a lending institution such as a bank, credit union, savings and loan association, or state lending agency. Students may borrow up to \$4,000 per year. In most cases, the borrower may defer repayment of both the principal and interest while enrolled. When interest of the SLS is deferred the interest that would normally be paid is added to the principal. Otherwise the borrower would begin payment of the interest within 60 days of receiving the loan. This loan is not based on financial need.

### College Work-Study Program

The College Work-Study Program provides jobs for students who have established financial need through the College Scholarship Service. This is completed by filing the FAF. Generally, work will be on-campus. Students are paid semi-monthly as work is completed.

### Part-Time Employment Program

Kentucky State University employs students under the Part-Time Employment Program for up to 25 hours per week. Information about this program may be obtained in the Financial Aid Office.

### Veterans' Benefits

Kentucky State University is an educational institution approved for training of veterans and other eligible persons. Listed below are guidelines for students who wish to determine their eligibility for benefits under veterans' laws. Any student wishing more information should contact the Office of Records, Registration, and Admissions.

Those eligible for benefits under veteran's laws: **Veterans** who have received a discharge or release from duty under honorable conditions, and who have served a continuous period of active duty of 181 days or more, any part of which occurred after January 31, 1955.



**Disabled veterans** who have served fewer than 181 days of continuous active duty and were discharged for service-connected disability, under honorable conditions, after January 31, 1955.

**Servicemen** who have served on active duty for at least two years and whose military assignments permit this educational pursuit.

**Sons and daughters of veterans** who died or are permanently and totally disabled as the result of a service-connected disability incurred or aggravated during active service in the armed forces.

**Widows of veterans** who received a service-connected disability while on active duty and were honorably discharged and who died as the result of this service-connected disability, or who died while a permanent, service-connected disability was in existence.

**Wives of veterans** who received a service-connected disability and were honorably discharged, and who are totally and permanently disabled as the result of this service-connected disability.

**Reserves/National Guards** who are on active duty may be eligible for educational benefits under Chapter 106, Title 10, United States Code.

NOTE: These are general guidelines. An official determination of eligibility must always be made by the Veterans' Administration.

#### Waiver of Tuition and Fees for Senior Citizens

Any person sixty-five (65) years of age or older who is a resident of the Commonwealth of Kentucky and enrolls as a student at Kentucky State University shall have waived all tuition charges and fees. However, in the event that classes are full or the granting of free admission requires additional units, Kentucky State University may deny admission under this provision.

#### Tuition Waiver for Survivors of Police Officers Killed or Totally Disabled in the Line of Duty

Any person whose parent or any non-married widow or widower whose spouse was a resident of the Commonwealth of Kentucky upon becoming a law enforcement officer and who was killed while in the active service or training for active service or who died as a result of a service-connected disability shall not be required to pay any matriculation or tuition fee upon admission to Kentucky State University. Proof of such relationship must be established by documentary evidence.

A spouse, regardless of age, and any child, above the age of seventeen (17) and under the age of twenty-three (23), of a permanently and totally disabled law enforcement officer injured while in active service or in training for active service shall not be required to pay any matriculation or tuition fee upon his/her admission to

Kentucky State University for a period not in excess of thirty-six (36) months in order to obtain a degree, nor in excess of the lesser number of months required for a degree. The disabled law enforcement must be rated permanently and totally disabled in accordance with state requirements. Proof of such spousal or child relationship must be established by documentary evidence.

#### SATISFACTORY ACADEMIC PROGRESS REQUIREMENTS FOR FINANCIAL AID RECIPIENTS

The Education Amendments of 1976 stipulate that no advance of Title IV funds may be made to a student unless the educational institution determines that the student is maintaining satisfactory academic progress. Students who fail to maintain satisfactory progress may not receive the following types of financial aid: Pell Grants, Supplemental Educational Opportunity Grants, College Work-Study, Perkins Loans, Guaranteed Student Loans, Parent Loans for Undergraduate Students, Supplemental Loans for Students, other aid involving Title IV funds, or any other aid program for which satisfactory progress is a requirement. These policies apply only to eligibility to receive financial aid.

#### Undergraduate Students

An undergraduate student is considered to have made satisfactory academic progress if all of the following criteria are satisfied:

1. Successful completion of at least 24 non-repeated semester credit hours for each sequential enrollment equivalent to two semesters and one summer session in which he/she is in attendance as a full-time student; three quarter time students must complete 18 semester credit hours; half-time students must complete 12 semester credit hours.
2. The number of unexcused absences per semester in any class does not exceed the number of class meetings in one full week of class or the equivalent number for summer session.
3. The academic eligibility standards for the appropriate classification are maintained:

Classification	Minimum GPA Required
First-semester Freshman	1.6
Second-semester Freshman	1.8
Third-semester and above	2.0

Full-time undergraduates will be eligible to receive campus-based aid (Supplemental Educational Opportunity Grant, Perkins Loan, College-Work Study) for a maximum of six calendar years in order to complete the requirements for a first bachelor's degree. Students

enrolled less than full time will have their years of eligibility prorated accordingly.

#### Graduate Students

A full-time graduate student is required to enroll in and successfully complete a minimum of 16 non-repeated semester credit hours per academic year; three-quarter-time students must complete a minimum of 12 semester credit hours; half-time students must complete a minimum of 8 semester credit hours.

#### Withdrawal

A student will be allowed only two withdrawals from the University per academic lifetime while receiving Title IV financial assistance.

#### Aid for Part of a Semester

If a student receives financial aid for any part of a semester, that semester will count as a complete semester of aid. Incompletes, withdrawals, or repetitions will not be counted as meeting minimum course requirements.

#### Review

Completed semester credit hours and grade-point averages will be reviewed annually at the end of the spring semester. Unexcused class absences will be reviewed throughout each enrollment period.

#### Re-Establishing Satisfactory Academic Progress

Students may re-establish satisfactory academic progress by either of the following methods:

1. Improving their semester credit hours and cumulative grade-point average to meet the required Satisfactory Academic Progress standards during any subsequent period (semester or summer session) of enrollment; or
2. Successfully appealing to the Student Financial Aid Committee.

#### Exceptions

The satisfactory progress requirements are waived for one academic year for students who have not enrolled at Kentucky State University for one academic year. Students attending summer session to re-establish eligibility may be granted financial aid.

#### Notification of Withdrawal of Aid

Any student receiving financial aid who does not meet the satisfactory progress requirements and whose aid must be withdrawn will be given written notice.

#### Right of Appeal

Any student whose financial aid has been terminated may submit a written appeal to the Student Financial Aid Committee, explaining why satisfactory progress

was not maintained and giving any reasons why aid should not be terminated.

Appeals may be made on the basis of:

1. Extended illness or hospitalization of the student;
2. Death or extended illness of a member of the student's immediate family; or
3. Any mitigating circumstances which prevented the student from complying with the requirements for maintaining satisfactory academic progress.

All appeals must be submitted to the Student Financial Aid Committee within two weeks from the date the student receives notification that his/her financial aid has been terminated. The Committee's decision is final.

#### INSTITUTIONAL SCHOLARSHIP POLICIES

The University offers a variety of academic and non-academic scholarships for both freshmen and continuing students. Details of these scholarships are provided below. Interested students should contact the University's Office of Records, Registration, and Admissions or the Chairperson of the Institutional Scholarship Committee for appropriate application materials.

All institutional scholarships are monitored by the University's scholarship committee, which is composed of a faculty member from each college and school of the university; the Assistant Director of Admissions, who will be an ex-officio member and serve as Committee chairman; and/or other individuals designated by the President of the University. Meetings will normally be convened by the Committee chairman on a monthly basis as scholarship applications are received and files are completed. Notifying scholarship candidates of their status will be initiated no later than three (3) working days after the Committee's decision. The committee is charged with responsibility for conducting an ongoing review of scholarship policies and fees and monitoring the awarding of all institutional scholarships for compliance with university regulations.

#### Academic Scholarship Policy

All academic scholarship programs administered by Kentucky State University are governed by the following policies:

1. The University will maintain scholarship programs of financial assistance.
2. All academic scholarship awards shall be processed by the Assistant Director of Admissions for



- compliance with university policy and for submittal to the Director of Financial Aid.
- Guidelines and procedures for scholarships shall be recommended by departments, schools, colleges, and/or units and submitted to the Institutional Scholarship Committee for review and submission to the Cabinet for recommendation and final submission to the President for approval.
  - All academic scholarship candidates must be enrolled in the University and have met University criteria for the awarding of institutional aid.
  - Each academic scholarship candidate must have at the time of award no less than a 2.0 cumulative grade-point average on a 4.0 scale. Individual scholarship programs may require higher academic grade-point averages and/or test scores.
  - Each full-time academic scholarship recipient must remain a full-time student during each semester and successfully complete a minimum of 24 non-repeated semester credit hours during each academic year.
  - Each part-time academic scholarship recipient must successfully complete a minimum 50% of the full-time requirements. Renewal requirements for individual scholarships may be more stringent.
  - Scholarship awards may be discontinued or terminated if the recipient fails to meet the requirements outlined for renewal in the Kentucky State University Institutional Scholarship Policy. It is the student's responsibility to monitor his/her own academic progress and to comply with the stated criteria for renewal. Award recipients will not be eligible for scholarship awards for the semester(s) during which they participate in University coordinated co-op training if they are being paid for the training. The Scholarship Committee must be notified in writing by the student of the intent to participate in co-op training by mid-term of the semester before training begins.
  - The Scholarship Committee will send notification of termination of scholarship award at such time that it is verified that the award recipient fails to meet the qualifications for the award. The Scholarship Committee will review the progress of each award recipient at the end of each semester to determine eligibility for renewal or necessity for termination.
  - Students who do not meet the minimum criteria for renewal may appeal to the Scholarship Committee if extenuating circumstances that are beyond the control of the student are involved,

such as the death of a family member, illness of student or immediate family member, or other documented evidence of mental or physical hardship. Appeals must be received within two weeks after receipt of notification.

## TYPES OF ACADEMIC SCHOLARSHIPS

### Service County General Scholarships

Service County General Scholarships were established by Kentucky State University in recognition of the University's obligation to students within Franklin and surrounding counties.

#### Eligibility Criteria

The recipients of these scholarships will be:

- residents of Anderson, Franklin, Henry, Owen, Scott, Shelby, and Woodford Counties;
- first-time freshmen with a minimum high school GPA of 3.0;
- students who plan to enroll full-time at Kentucky State University.

#### Selection Procedure

Student-recipients will be selected through a process established by the appropriate School District Superintendent. All names of students selected to receive scholarships must be submitted to the Kentucky State University Assistant Director of Admission on or before April 15. Scholarship recipients will be announced at local school district commencement exercises or honors programs by a representative from Kentucky State University. Awards will be made on an annual basis.

#### Deadline

All names of students selected to receive scholarships must be submitted to the Kentucky State University Assistant Director of Admission on or before April 15.

#### Value of Award

Each scholarship recipient will be awarded a full scholarship to cover tuition, fees, room, board, books, and supplies.

#### Apportionment

The scholarships are apportioned among school districts as follows:

Anderson County	3
Franklin County	5
Frankfort Independent	1
Henry County	3
Eminence Independent	1
Owen County	4
Scott County	4
Shelby County	4
Woodford County	4

### Renewal of Awards

Scholarships will be renewed at a 100% rate if the student maintains at least a 3.0 grade-point average on a 4.0 scale. Scholarships will be renewed at a 50% level if the student maintains between a 2.5—2.99 GPA on a 4.0 scale.

### Presidential Scholarships

#### Minimum Eligibility Criteria for Initial Award

- New first-time freshman classification
- Grade-point average of at least 3.0 (on 4.0 scale)
- Enhanced ACT composite score of 21 or above (or 19 or above on a previous edition of the ACT), or Scholastic Aptitude Test equivalent

An applicant who is a valedictorian or a salutatorian of his/her high school graduating class will automatically qualify for the Presidential Scholarship award.

Consideration may also be given to applicants if high school coursework reflects a college preparatory curriculum and letters of recommendation are written on behalf of the applicant by the high school counselor and at least two high school teachers who are familiar with the applicant's ability.

#### Required Credentials

- Application for Admission
- Official high school transcript(s)
- Official American College Test (ACT) or Scholastic Aptitude Test (SAT) scores
- Letters of recommendation, if available
- Pre-College Curriculum Verification Form (PCC)
- Application for Scholarship

#### Scholarship Application Deadlines

Students should apply early for a Presidential Scholarship by submitting the credentials listed above no later than March 1 for the academic year beginning the following August. The first round of notifications will be made no later than the second week of March, and students are expected to accept or decline the offer of scholarship by May 1. In some instances, offers of scholarship awards may be made prior to the second week in March. Students who meet all the criteria stated above may be offered an award at such time as their credentials are verified as accurate and meeting the stated criteria.

#### Selection Procedure and Notification

The selection of students to receive Presidential Scholarships will be made by the Scholarship Committee.

### Disbursement

Scholarship awards will be credited to the student's account upon enrollment and finalization of the award. One-half of the award will be disbursed at fall semester registration and one-half at spring semester registration. Summer session awards are not available under this program.

#### Value of Award

The maximum amount available for a Presidential Scholarship award is the sum of tuition, room, board, fees, insurance, and a maximum of \$500 for books and supplies for the academic year. An award that includes room and board will only be made to a student who resides in University Housing.

#### Types, Criteria, and Value of Awards

Three types of awards are available under the Presidential Scholarship program based on demonstrated academic achievement. The types of award, criteria for awards, and value of the awards are as follows:

Type	Criteria	Value
Full Presidential	Minimum Enhanced ACT composite score of 26 (or 25 on a previous edition of the ACT/or SAT equivalent) and a minimum GPA of 3.5 (on a 4.0 scale)	Tuition, fees, insurance, room, board, books, and supplies
Partial Presidential	Minimum Enhanced ACT composite score of 24 (or 23 on a previous edition of the ACT/or SAT equivalent and a minimum GPA of 3.25 (on a 4.0 scale)	Tuition, plus one-half room, board and fees
Tuition Only	Minimum Enhanced ACT composite score of 21 (or 19 on a previous edition of the ACT/or SAT equivalent and a minimum GPA of 3.0 (on a 4.0 scale)	Tuition and fees

Exceptions may be made on the basis of recommendations by the Scholarship Committee and upon approval by the President of the University.



**Renewal of Awards**

Awards under this program are renewable each academic year provided the student maintains the following minimum academic progress:

- Enrolls for and completes a minimum of 30 semester hours each academic year and maintains at least a 3.0 cumulative grade-point average each academic year.
- The amount of renewal will be according to the following rate:
 

3.50—4.00 GPA	100% of Initial Award
3.25—3.49 GPA	75% of Initial Award
3.00—3.24 GPA	50% of Initial Award
Below 3.00 GPA	0% of Initial Award
- Students not meeting the above minimum criteria for renewal may appeal to the Scholarship Committee if extenuating circumstances that are beyond the control of the student are involved such as the death of a family member, illness of student or immediate family member, or other documented evidence of mental or physical hardship.
- Students participating in co-op training will not be eligible for award renewal during the time they are paid by a source outside the University. If the student upon completing the co-op training earns less than 15 semester hours for the semester(s) that he or she participates in co-op training, scholarship renewal consideration will be based on the number of semester hours completed for the semester(s) prior to co-op training. The scholarship committee must be notified in writing of a student's intent to participate in co-op training by mid-term of the semester *before* training begins.

**Continuing Student Scholarships****Minimum Eligibility Criteria for Initial Award**

- Sophomore or junior classification
- Grade-point average of at least 3.5
- Full-time classification (15 semester credit hours or more for purposes of these guidelines)

**Application for Scholarship Deadlines**

Students should apply early for the Continuing Student Scholarship by submitting an Application for Scholarship *no later than March 1*. In some instances offers of scholarship awards may be made before the second week in March. Students who meet all the criteria stated above may be offered an award at such time as their credentials are verified as accurate and meeting the stated criteria.

**Selection Procedures and Notification**

The selection of student to receive a Continuing Student Scholarship will be made by the Scholarship Committee.

**Disbursement**

Scholarship awards will be credited to the student's account upon enrollment and finalization of the award. One-half of the award will be disbursed at fall semester registration and one-half at spring semester registration. Summer session awards are not available under this program.

**Types and Value of Awards**

The maximum amount available for a Continuing Scholarship award will be the sum of tuition, room, board, fees, insurance, books, with a maximum of \$500 for books and supplies for the academic year. An award that includes room and board *will only be made* to a student who reside in University Housing.

TYPE	CRITERIA	VALUE
Full	3.8 (on 4.0 scale)	Tuition, fees, insurance, board, room supplies, and books
Continuing		
Partial	3.5 (on 4.0 scale)	Tuition and fees
Continuing		

Exceptions may be made on the basis of recommendations by the Scholarship Committee and upon approval by the President of the University.

**Renewal of Awards**

Awards under this program are renewable each academic year provided the student maintains the following academic progress:

- Enrolls for and completes a minimum of 30 semester hours each academic year and maintains at least a 3.5 cumulative grade-point average each academic year.
- The amount of renewal will be according to the following rate:
 

3.8—4.00 GPA	100% of Initial Award
3.5—3.79 GPA	50% of Initial Award
- Students not meeting the above minimum criteria for renewal may appeal to the Scholarship Committee if extenuating circumstances that are beyond the control of the student are involved such as the death of a family member, illness of student or immediate family member, or other documented evidence of mental or physical hardship.

- Students participating in co-op training will not be eligible for award renewal during the time they are paid by a source outside the University. If the student upon completing the co-op training earns less than 15 semester hours for the semester(s) that he or she participates in co-op training, scholarship renewal consideration will be based on the number of semester hours completed for the semester(s) prior to co-op training. The scholarship committee must be notified in writing of a student's intent to participate in co-op training by mid-term of the semester *before* training begins.

**Art Scholarships****Eligibility Criteria**

- Present a portfolio
- Receive recommendation of a member of the art faculty
- Possess a minimum 3.0 GPA (on a 4.0 scale) in high school art classes
- Major in Studio Art or Art Education.
- All academic scholarship candidates must be enrolled in the University and have met University criteria for the awarding of institutional aid
- Each full-time institutional scholarship/grant-in-aid recipient must remain a full-time student during each semester and successfully complete a minimum of 24 non-repeated semester credit hours during each academic year. Each part-time institutional scholarship/grant-in-aid recipient must successfully complete a minimum 50% of the full-time requirements. Renewal requirements for individual scholarships/grants may be more stringent.

**Selection Procedures**

The selection of students to receive Art Scholarships will be made by the Art Department. Names of selected students must be submitted to the Scholarship Committee for review and will be forwarded to the President for final approval.

**Value of Award**

\$800—\$1,200

**Louisville/Lexington Black Achievers Scholarships****Eligibility Criteria**

- The recipients of these scholarships will be:
- participants in the Black Achievers Program
  - first-time freshmen with a minimum high school GPA of 3.0 and minimum Enhanced ACT composite score of 21 (or 19 on a previous edition of the ACT/or SAT equivalent);

- students who plan to enroll full-time at Kentucky State University.

**Selection Procedure**

Student-recipients will be selected through a process established by the appropriate organization. All names of students selected to receive scholarships must be submitted to the Kentucky State University Assistant Director of Admission *on or before April 15*. Scholarship recipients will be announced at local programs by a representative from Kentucky State University.

Awards will be made on an annual basis.

**Deadline**

All names of students selected to receive scholarships must be submitted to the Kentucky State University Assistant Director of Admission *on or before April 15*.

**Value of Award**

Each scholarship recipient will be awarded a full scholarship to cover tuition, fees, room, board, books, and supplies.

**Apportionment**

The scholarships are apportioned as follows:

Lexington	2
Louisville	4

**Renewal of Awards**

Scholarships will be renewed at a 100% rate if the student maintains at least a 3.0 grade-point average on a 4.0 scale. Scholarships will be renewed at a 50% level if the student maintains between a 2.5—2.99 GPA on a 4.0 scale.

**Coleman Young Scholarships****Eligibility Criteria**

The recipients of these scholarships will be:

- participants in the Coleman Young Scholarship Foundation
- first-time freshmen with a minimum high school GPA of 3.0 and minimum Enhanced ACT composite score of 21 (or 19 on a previous edition of the ACT/or SAT equivalent);
- students who plan to enroll full-time at Kentucky State University.

**Selection Procedure**

Two student-recipients will be selected by the Coleman Young Foundation. All names of students selected to receive scholarships must be submitted to the Kentucky State University Assistant Director of Admissions *by April 15*. Scholarship recipients will be announced at local programs by a representative from Kentucky State University. Awards will be made on an annual basis.



**Value of Award**

Each recipient will be awarded full tuition, activity fees, and insurance.

**Renewal of Awards**

Awards under this program are renewable each academic year provided the student maintains the following minimum academic progress.:

1. Enrolls for and completes a minimum of 30 semester hours each academic year and maintains at least a 3.0 cumulative grade-point average each academic year.
2. The amount of renewal will be according to the following rate:
 

3.50—4.00 GPA	100% of Award
3.25—3.49 GPA	75% of Award
3.00—3.24 GPA	50% of Award
Below 3.00 GPA	0% of Award
3. Students not meeting the above minimum criteria for renewal may appeal to the Scholarship Committee if extenuating circumstances that are beyond the control of the student are involved such as the death of a family member, illness of student or immediate family member, or other documented evidence of mental or physical hardship.
4. Students participating in co-op training will not be eligible for award renewal during the time they are paid by a source outside the University. If the student upon completing the co-op training earns less than 15 semester hours for the semester(s) that he or she participates in co-op training, scholarship renewal consideration will be based on the number of semester hours completed for the semester(s) prior to co-op training. The scholarship committee must be notified in writing of a student's intent to participate in co-op training by mid-term of the semester *before* training begins.

**South African Education Scholars Program**

This program is designed to provide educational opportunities for legally disadvantaged South Africans through scholarship assistance.

**Eligibility Criteria**

The recipients of this scholarship will be:

- a legally disadvantage resident of South Africa
- a participant of the Institute of International Education's South African Education Program.

**Selection Procedure**

The recipient will be selected through a process established by the institution. The name of student

selected to receive the scholarship must be submitted to the Kentucky State University Assistant Director of Admission *on or before April 15*.

**Value of Award**

The recipient will be awarded a full scholarship to cover tuition, fees, room, board, books, and supplies.

**Renewal of Awards**

Awards under this program are renewable each academic year provided the student maintains the following minimum academic progress.:

1. Enrolls for and completes a minimum of 30 semester hours each academic year and maintains at least a 3.0 cumulative grade-point average each academic year.
2. The amount of renewal will be according to the following rate:
 

3.50—4.00 GPA	100% of Award
3.25—3.49 GPA	75% of Award
3.00—3.24 GPA	50% of Award
Below 3.00 GPA	0% of Award
3. Students not meeting the above minimum criteria for renewal may appeal to the Scholarship Committee if extenuating circumstances that are beyond the control of the student are involved such as the death of a family member, illness of student or immediate family member, or other documented evidence of mental or physical hardship.
4. Students participating in co-op training will not be eligible for award renewal during the time they are paid by a source outside the University. If the student upon completing the co-op training earns less than 15 semester hours for the semester(s) that he or she participates in co-op training, scholarship renewal consideration will be based on the number of semester hours completed for the semester(s) prior to co-op training. The scholarship committee must be notified in writing of a student's intent to participate in co-op training by mid-term of the semester *before* training begins.

**Micro City Government Scholarships****Eligibility Criteria**

The recipients of this scholarship will be:

- participants in Micro City Government
- first-time freshman with a minimum GPA of 3.0;
- students who plan to enroll full-time at Kentucky State University.

**Selection Procedures**

Student-recipients will be selected through a process established by the appropriate organization. All names of students selected to receive scholarships must be submitted to the Kentucky State University Assistant Director of Admission *on or before April 15*. Scholarship recipients will be announced at local programs by a representative from Kentucky State University.

Awards will be made on an annual basis.

**Value of Award**

Each scholarship recipient will be awarded a scholarship to cover full tuition, activity fee, and insurance.

**Renewal of Awards**

Awards under this program are renewable each academic year provided the student maintains the following minimum academic progress.:

1. Enrolls for and completes a minimum of 30 semester hours each academic year and maintains at least a 3.0 cumulative grade-point average each academic year.
2. The amount of renewal will be according to the following rate:
 

3.50—4.00 GPA	100% of Award
3.25—3.49 GPA	75% of Award
3.00—3.24 GPA	50% of Award
Below 3.00 GPA	0% of Award
3. Students not meeting the above minimum criteria for renewal may appeal to the Scholarship Committee if extenuating circumstances that are beyond the control of the student are involved such as the death of a family member, illness of student or immediate family member, or other documented evidence of mental or physical hardship.
4. Students participating in co-op training will not be eligible for award renewal during the time they are paid by a source outside the University. If the student upon completing the co-op training earns less than 15 semester hours for the semester(s) that he or she participates in co-op training, scholarship renewal consideration will be based on the number of semester hours completed for the semester(s) prior to co-op training. The scholarship committee must be notified in writing of a student's intent to participate in co-op training by mid-term of the semester *before* training begins.

**NAFEO District of Columbia Project****Eligibility Criteria**

The recipients of these scholarships will be:

- graduates of the District of Columbia Public Schools
- first-time freshman with a minimum GPA of 3.5 (on a 4.0 scale) and minimum Enhanced ACT composite score of 25 (or 24 on a previous edition of the ACT/or SAT equivalent)
- students who plan to enroll full-time at Kentucky State University.

**Required Credentials**

- Application for Admission
- Official High School Transcript
- Official ACT or SAT Scores

**Selection**

The selection of students to receive the NAFEO scholarship will be made by the Institutional Scholarship Committee. All credentials must be received *by May 1*.

**Value of Award**

The recipient will be awarded a full scholarship to cover tuition, fees, room, board, books, and supplies.

**Renewal of Awards**

Awards under this program are renewable each academic year provided the student maintains the following minimum academic progress.:

1. Enrolls for and completes a minimum of 30 semester hours each academic year and maintains at least a 3.0 cumulative grade-point average each academic year.
2. The amount of renewal will be according to the following rate:
 

3.50—4.00 GPA	100% of Award
3.25—3.49 GPA	75% of Award
3.00—3.24 GPA	50% of Award
Below 3.00 GPA	0% of Award
3. Students not meeting the above minimum criteria for renewal may appeal to the Scholarship Committee if extenuating circumstances that are beyond the control of the student are involved such as the death of a family member, illness of student or immediate family member, or other documented evidence of mental or physical hardship.
4. Students participating in co-op training will not be eligible for award renewal during the time they are paid by a source outside the University. If the



student upon completing the co-op training earns less than 15 semester hours for the semester(s) that he or she participates in co-op training, scholarship renewal consideration will be based on the number of semester hours completed for the semester(s) prior to co-op training. The scholarship committee must be notified in writing of a student's intent to participate in co-op training by mid-term of the semester *before* training begins.

### NON-ACADEMIC SCHOLARSHIP POLICIES

The University offers a variety of non-academic scholarships for both freshmen and continuing students. Details of these opportunities are provided below. Interested students should contact the University's Office of Records, Registration, and Admissions for appropriate application materials.

All institutional scholarship/grant-in-aid programs administered by Kentucky State University are governed by the following policies:

1. The University will maintain scholarship programs of financial assistance.
2. All non-academic scholarship awards shall be processed by the Assistant Director of Admissions for compliance with university policy and for submittal to the Director of Financial Aid.
3. Guidelines and procedures for scholarships shall be recommended by departments, schools, colleges, and/or units and submitted to the Institutional Scholarship Committee for review and subsequent recommendation to the President for review and approval by the Cabinet.
4. All non-academic scholarship candidates must be enrolled in the University and have met University criteria for the awarding of institutional aid.
5. Each initial non-academic scholarship candidate must meet the minimum requirements for admission to the University. Individual scholarship programs may require higher academic grade-point averages and/or test scores.
6. All candidates for institutional scholarships/grants-in-aid must file appropriate applications for institutional, state and federal programs for financial assistance. Failure to complete such applications or to finalize awards is grounds for termination of an award.
7. The maximum amount of an institutional scholarship/grant-in-aid award will be adjusted downward to reflect any appropriate federal, state, institutional or other awards received by the candidate.

8. Each full-time institutional scholarship/grant-in-aid recipient must remain a full-time student during each semester and successfully complete a minimum of 24 non-repeated semester credit hours during each academic year. Each part-time institutional scholarship/grant-in-aid recipient must successfully complete a minimum 50% of the full-time requirements. Renewal requirements for individual scholarships/grants may be more stringent.

### TYPES OF NON-ACADEMIC SCHOLARSHIPS

#### Music Scholarships

##### Eligibility Criteria

1. To receive a music scholarship a student must successfully pass a performance audition and be recommended for a scholarship by an ensemble director. (An audition tape is acceptable.)
2. All academic scholarship candidates must be enrolled in the University and have met University criteria for the awarding of institutional aid.
3. Each academic scholarship candidate must have at the time of the award no less than a 2.0 cumulative grade-point average on a 4.0 scale.

##### Selection Procedures and Notification

A student may be notified that he/she will be recommended for a scholarship immediately after the audition; but before money is appropriated, the recipient must comply with the University's Scholarship/Grant Policies.

##### Value of Award

Initially, recipients will be awarded music scholarships for a FOUR-YEAR PERIOD, RENEWABLE EACH YEAR. The scholarship will be disbursed in equal amounts each semester over a four-year period.

The student's talent and potential, the needs of the Music program, and the number of credit hours the students will carry are the major factors that will be considered in determining the initial amount of the scholarship.

##### Allotment of Music Scholarships

- A. Music Majors—Scholarships will be granted in (1) brass, (2) woodwind, (3) percussion, (4) keyboard, and (5) voice.
- B. Non-Music Majors—Scholarships may be granted to Non-Music Majors in either one of the music areas mentioned above or a major ensemble (Concert Choir or Marching Band/Concert Band).

NOTE: MUSIC MAJORS WILL BE GIVEN PRIORITY OVER NON-MUSIC MAJORS IN THE AWARDING OF MUSIC SCHOLARSHIPS.

In addition to participating in one of the above music areas, each scholarship recipient must successfully register and perform in a major ensemble (Concert Choir or Marching/Concert Band), as well as enroll in the minor Applied Music sequence for each semester in which scholarship aid is granted.

##### Scholarship Retention Criteria

To maintain a music scholarship a student must:

- A. attend and participate in all rehearsals and performances of the ensemble(s) for which he/she was granted the scholarship, unless absence is approved in advance by the ensemble director.
- B. continue to meet the performance standards of the assigned ensemble(s) while maintaining a positive and cooperative attitude.
- C. successfully complete fifteen (15) credit hours each semester.
- D. maintain a 2.0 cumulative, overall grade-point average on a 4.0 scale each semester and 2.5 average in all music courses.
- E. practice a minimum of two (2) hours per day (Music Majors) in addition to regular ensemble rehearsals.
- F. practice a minimum of one (1) hour per day (Non-Music Majors) in addition to regular ensemble rehearsals.
- G. enroll in and successfully complete *Major Applied (Music Majors)*. This course involves a one hour private lesson week.
- H. enroll in and successfully complete *Minor Applied (Non-Music Majors)*. This course involves a one-half hour private lesson week.
- I. Adhere to and maintain the ethical and moral standards of the Department.

If any of the above mentioned obligations are not met during any semester, the scholarship may be suspended.

#### Student Leadership Scholarships

##### Value of Award

Ranges from full scholarship (tuition, fees, room and board, and books) to tuition and fees only.

##### Eligibility Criteria

1. Exhibit outstanding leadership abilities
2. Be elected student government association officer (president, vice president, secretary, treasurer, and chief justice) or Miss KSU.
3. All non-academic scholarship candidates must be enrolled in the University and have met University criteria for the awarding of institutional aid.

4. Each non-academic scholarship candidate must have at the time of award no less than a 2.0 cumulative grade-point average on a 4.0 scale. Individual scholarship programs may require higher academic grade-point averages and/or test scores.
5. All candidates for institutional scholarships/grants-in-aid must file appropriate applications for institutional, state and federal programs for financial assistance. Failure to complete such applications or to finalize awards is grounds for termination of an award.
6. The maximum amount of an institutional scholarship/grant-in-aid award will be adjusted downward to reflect any appropriate federal, state, institutional or other awards received by the candidate.
7. Each full-time institutional scholarship/grant-in-aid recipient must remain a full-time student during each semester and successfully complete a minimum of 24 non-repeated semester credit hours during each academic year. Each part-time institutional scholarship/grant-in-aid recipient must successfully complete a minimum 50% of the full-time requirements. Renewal requirements for individual scholarships/grants may be more stringent.

#### Student Publications Tuition Scholarships

##### Eligibility Criteria

1. Enroll full-time
2. Serve as editor of the Thorobred News or the Thorobred Yearbook.
3. All non-academic scholarship candidates must be enrolled in the University and have met University criteria for the awarding of institutional aid.
4. Each non-academic scholarship candidate must have at the time of award no less than a 2.0 cumulative grade-point average on a 4.0 scale. Individual scholarship programs may require higher academic grade-point averages and/or test scores.
5. All candidates for institutional scholarships/grants-in-aid must file appropriate applications for institutional, state and federal programs for financial assistance. Failure to complete such applications or to finalize awards is grounds for termination of an award.
6. The maximum amount of an institutional scholarship/grant-in-aid award will be adjusted downward to reflect any appropriate federal, state, institutional or other awards received by the candidate.



7. Each full-time institutional scholarship/grant-in-aid recipient must remain a full-time student during each semester and successfully complete a minimum of 24 non-repeated semester credit hours during each academic year. Each part-time institutional scholarship/grant-in-aid recipient must successfully complete a minimum 50% of the full-time requirements. Renewal requirements for individual scholarships/grants may be more stringent.

#### Athletic Grants-In-Aid

*Value of Award*  
Varies

#### *Eligibility Criteria*

1. Exhibit outstanding athletic ability
2. Participate in one of the University's intercollegiate sports.
3. All non-academic scholarship candidates must be enrolled in the University and have met University criteria for the awarding of institutional aid.
4. Each non-academic scholarship candidate must have at the time of award no less than a 2.0 cumulative grade-point average on a 4.0 scale. Individual scholarship programs may require higher academic grade-point averages and/or test scores.
5. All candidates for institutional scholarships/grants-in-aid must file appropriate applications for institutional, state and federal programs for financial assistance. Failure to complete such applications or to finalize awards is grounds for termination of an award.
6. The maximum amount of an institutional scholarship/grant-in-aid award will be adjusted downward to reflect any appropriate federal, state, institutional or other awards received by the candidate.
7. Each full-time institutional scholarship/grant-in-aid recipient must remain a full-time student during each semester and successfully complete a minimum of 24 non-repeated semester credit hours during each academic year. Each part-time institutional scholarship/grant-in-aid recipient must successfully complete a minimum 50% of the full-time requirements. Renewal requirements for individual scholarships/grants may be more stringent.

#### Cheerleading Scholarships

##### *Eligibility Criteria*

1. Recipient must be a full-time Kentucky State University student.
2. Recipient must have a minimum 2.3 cumulative grade-point average on a 4.0 scale. (Freshmen must have a minimum 2.5 cumulative high school grade-point on a 4.0 scale)
3. Recipient is expected to attend all practice sessions, pep rallies, home games, designated away games, and any other activities sponsored by the cheerleader squad.
4. Recipient must have participated in required tryouts.
5. Recipient must be in good physical health.
6. All non-academic scholarship candidates must be enrolled in the University and have met University criteria for the awarding of institutional aid.
7. All candidates for institutional scholarships/grants-in-aid must file appropriate applications for institutional, state and federal programs for financial assistance. Failure to complete such applications or to finalize awards is grounds for termination of an award.
8. The maximum amount of an institutional scholarship/grant-in-aid award will be adjusted downward to reflect any appropriate federal, state, institutional or other awards received by the candidate.
9. Each full-time institutional scholarship/grant-in-aid recipient must remain a full-time student during each semester and successfully complete a minimum of 24 non-repeated semester credit hours during each academic year. Each part-time institutional scholarship/grant-in-aid recipient must successfully complete a minimum 50% of the full-time requirements. Renewal requirements for individual scholarships/grants may be more stringent.

##### *Value of Award*

Tuition/fees and \$100.00 for books

#### Other Scholarships

A number of departmental scholarships are provided to qualified candidates through or by the various departments on-campus. Interested students should contact the department of interest to determine their eligibility for such awards.

Students enrolled in the pre-engineering program sponsored jointly by Kentucky State University and the Universities of Kentucky and Maryland at College Park and Vanderbilt University may be eligible for scholarships provided to qualified candidates by a number of local business or corporate organizations and state government. These awards are made available by

Ashland Oil Company, Brighton Engineering Company, Square D Company, and the Kentucky Department of Transportation. These scholarships range in amount from small stipends to complete support for tuition and books. Further details may be obtained from the Office of Records, Registration, and Admissions. Students should also consult with the University's pre-engineering advisor.

Students enrolled in the University through its Community College may also be eligible for scholarship assistance. Further information is in the Community College section of this Catalogue and is available from the Community College Office.





# STUDENT AFFAIRS

The mission of the Student Affairs Office is to develop, organize, administer, monitor, and coordinate a variety of experiences, services, programs, and activities in such a manner that they will have the greatest impact on the growth and development of a diverse student body. These experiences, services, programs, and activities are administered through the following areas: Counseling, Career Planning and Placement; Financial Aid; Food Services; Health Services; Housing and Residence Halls programming; Student Publications; Intramurals; Student Life; and the Office of Student Affairs.

Student Affairs is the central administrative office for student activities. Its staff members are responsible for student conduct and discipline, housing exemptions, meal exemptions, health insurance exemptions, excuses for class absences, and emergency student loan processing.

## STUDENT LIFE

Kentucky State University's Student Life Office serves as the focal point of University community life: The Office administers social, cultural, educational, and recreational activities of the Hill Student Center and supervises the use of student center facilities by students and off-campus individuals. The Office monitors the activities of all campus organizations and serves in an advisory capacity to a number of key organizations, including the Student Government Association.

The Office fosters students' growth and development by creating opportunities for students to sponsor and participate in social, cultural, spiritual, and recreational programs. Students gain leadership skills by taking on actual responsibilities of citizenship, by putting their learning into the context of living, and by applying their learning to practical situations.

The Office coordinates groups with common interests in the successful completion of campus-wide projects and activities, provides services and facilities to carry out University-sponsored programs that contribute to the educational and cultural growth of the University community, and coordinates the scheduling of such activities on the University's campus by on- and off-campus groups and organizations.

## STUDENT GOVERNMENT

The Student Government Association (SGA) of Kentucky State University, which is the student governing

body, gives the University's students a voice in the affairs of the campus community. Its officers and other members manage many student-only projects, and one member serves as a voting member of the University's Board of Regents.

SGA is supported in part by student activity fees. It plays a part in scheduling or sponsoring concerts, dances, speakers, and other activities that make up the social and cultural life of Kentucky State University students. Whether planning entertainment, presenting the student point of view to the University administration, or encouraging academic excellence among the student body, participants in student government help shape their community.

## STUDENT ORGANIZATIONS

At Kentucky State University, the cliché, "There is a chance to participate, the opportunity to get involved," is much more than an overused phrase; it is a fact of campus life. The remarkable range of student organizations includes Greek fraternities and sororities, honor societies, academic clubs, literary groups, art/music clubs, and special interest organizations (nursing, ROTC, international students, chess, etc.). Students who have interests that are not represented may inaugurate organizations related to those interests. Interested students should contact the Office of the Vice President for Student Affairs for further information.

## HOUSING AND RESIDENCE HALLS

The University provides housing for students who wish to live on-campus. Most full-time undergraduate students live in the University's residence halls. All full-time undergraduate students who are under 21 years of age — except veterans of at least two years active military service, students who commute from their parents' or guardians' homes, or married students — must live in campus housing.

Residence halls vary in size and architectural style and provide, in most instances, double-room accommodations. A limited number of single rooms are available on a first-come, first-served basis. Some residence halls are reserved for freshmen.

An obvious advantage of the residence halls is their proximity to classroom buildings, the library, cafeteria, student center, gymnasium, and health center. Students in the residence halls have access to study rooms, television lounges, game rooms, kitchen and laundry facilities, vending services, and telephones. All

the residences are professionally staffed by head residents.

Meals are provided at the Underwood Cafeteria, which is in the Carl M. Hill Student Center.

The Housing Office oversees the operation of all University-owned and -operated housing facilities for students. The Office also coordinates all programs, services, and activities associated with these facilities, and it encourages personal development through in-hall programming and academic and social activities. It is also responsible for ensuring that students have an atmosphere conducive to studying. Students are helped in assuming responsibilities that foster growth away from home.

The Housing Office ensures that the physical condition of the residence halls is maintained at an optimal level for and by student residents, provides and encourages social interaction in the residence halls, and ensures security in all residence halls.

Applications for rooms in the residence halls are received at any time, but will be considered only after a student has been officially admitted to the University. Requests for room reservations should be addressed to the Director of Housing.

Each applicant must submit an application for housing and \$85.00 to cover the room reservation fee (\$45.00), damage deposit (\$25.00), key deposit (\$10.00) and social fee (\$5.00) before receiving a room assignment. Every effort will be made to honor an applicant's preference of residence hall and roommate assignment; however, a particular room is not guaranteed. Assignments are made on a first-come, first-served basis according to the date the deposit is received. Each student will be required to sign a University Residence Hall Contract, which sets forth the conditions for student housing, and obtain a housing permit prior to admittance to the residence hall.

One half of the annual room fee is to be paid during each of the two semesters during the regular academic year. Summer session room fees are due at the beginning of the term. All fees and expenses are payable in accordance with the fee-payment schedule in the Student Expenses section of this Catalogue.

## Care of Rooms

Students are expected to care for their rooms and to keep them clean and orderly. Kentucky State University attempts to make it possible for students to enjoy good living conditions; therefore, it expects those who occupy rooms in the residence halls to keep them in good condition. Students will be charged for University property damaged or destroyed.

Kentucky State University *shall not be responsible* for any theft or loss of property, or stolen property in

students' dormitory rooms. Students may wish to purchase personal property insurance for their dormitory belongings. Information on such insurance may be obtained from the Office of Student Affairs.

## Articles to be Furnished by Students

Students must furnish their own bed linen (twin bed sheets, pillow cases, comforters or blankets, bedspreads), towels, wash cloths, and personal items.

## STUDENT HEALTH SERVICES

Kentucky State's Office of Student Health Services helps ensure the physical and mental health of University students. It is located in the Betty White Health Center, and its program is broad in scope, encompassing preventive medicine, health education, physical, dental, and mental health care and referral. Students are provided appropriate advice, medicines, comfort, and first aid. When necessary, Student Health Services refers students to appropriate health-care professionals or facilities in the Frankfort community or beyond. All records, treatments, and referrals are strictly confidential.

The services provided to students by Student Health Services include the following:

- Health care for all students by administering physicals for participants in the athletic programs; screening tests for hypertension, sickle cell anemia, tuberculosis, and HIV pretest/posttest counseling; and immediate/emergency health care services;
- Health education workshops or seminars conducted on-campus at various times during the year;
- Workshops for the purpose of promoting breast cancer detection among female students;
- Educational programs on venereal diseases and the use of practical methods and devices of birth control;
- Review of student medical records for the purpose of identifying medical problems; and
- Preventive, restorative, and emergency dental services.

## STUDENT HEALTH INSURANCE

The University has an agreement with an approved insurance company to cover students against any accidental injury and illness either at the University or at home during the period of coverage. The cost to each student is approximately \$33 per semester. Each full-time undergraduate and graduate student is required to participate in the Student Health Insurance Program. Requests for exemptions should be submitted in writing by the last day of late registration each semester or session to the Vice President for Student Affairs. Infor-





mation on the insurance program may be obtained from the Office of Student Health Services or the Office of Student Affairs.

### COUNSELING, CAREER PLANNING AND PLACEMENT

Choosing a career is an important concern of students and their families. While premature decisions are risky, failure to address career opportunities must also be avoided. The University devotes considerable attention to the goal of helping students think seriously about the implication of their career interests and then to finding practical ways for successfully satisfying the requirements of these career interests. It is often appropriate to remind students that despite the apparent fury of the larger world beyond Kentucky State University, there is time enough to make adequate plans for careers. Indeed, what is perhaps essential is that students realize how many different kinds of career and vocational interests are available to them. An English major is perfectly well suited to become a doctor or a lawyer; an industrial technology student should not suppose that careers are restricted to the merely technical features of a trade. The list expands almost indefinitely.

Kentucky State University's Office of Counseling, Career Planning and Placement assists students in need

of academic, personal, social, and vocational counseling; offers assistance to graduates in finding suitable employment in business, industrial, governmental, and educational organizations that seek college-trained personnel for permanent employment; and informs faculty, staff, and administrators about employment trends, standards, and requirements (particularly as they affect the specific office or department concerned).

#### The Office Also:

- provides individual and group counseling to students at all levels;
- provides psychological counseling services to students;
- provides special programs for transfer, foreign, rehabilitation, and non-traditional students;
- develops and implements career-awareness and education programs for students, faculty, and the community;
- provides work experiences for students as part of their occupational orientation and career development;
- provides to students an option for incorporating a paid work experience into their education; and
- provides students the opportunity to consider possible employers through its placement activities.

## THE SETTING

### ON THE HILL

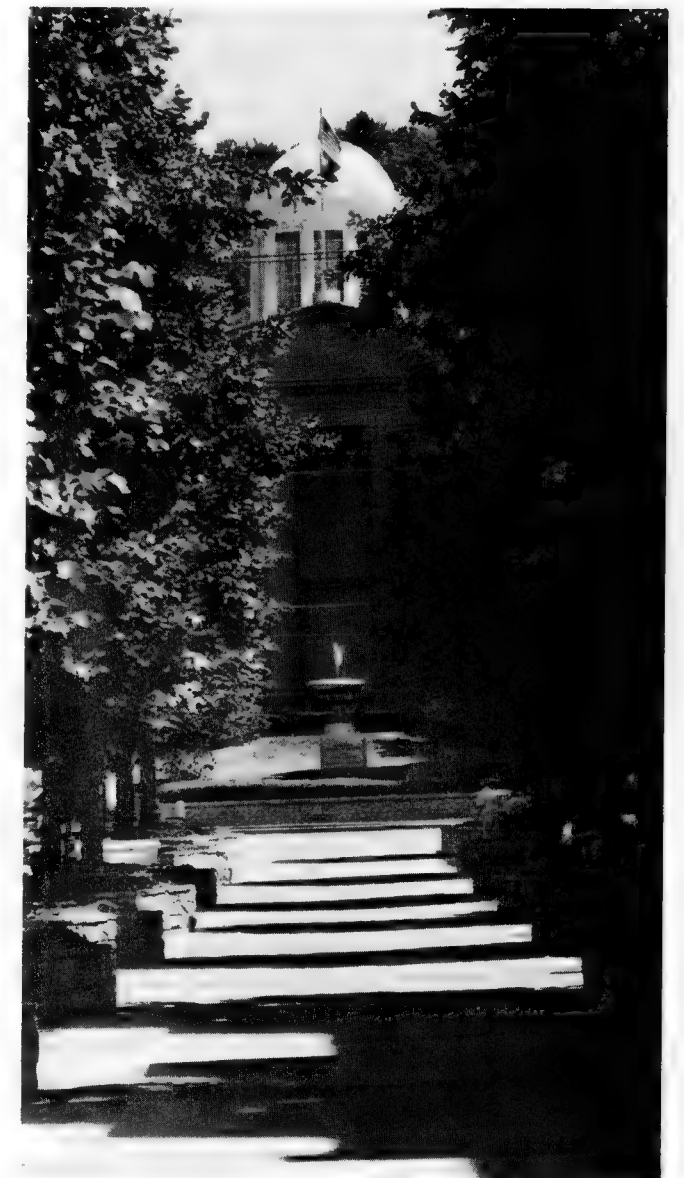
Going to college is more than just going to class, and at Kentucky State University an important part of the student experience is the mix of activities, cultural events, and recreation that make up life on the campus upon a scenic hill overlooking Frankfort. Students have many opportunities to enjoy themselves outside the classroom. The calendar includes concerts and dances; swimming parties and talent shows; Homecoming activities; and intercollegiate football, baseball, softball, volleyball, and basketball games, cross country, track and field, golf, and tennis competition.

Intramural competition provides an outlet for many students. Among the men's, women's, and coed intramural activities are archery, badminton, basketball, bowling, softball, flag football, swimming, track, pingpong, tennis, and volleyball. In the local area, recreational opportunities include boating, water skiing, camping, cycling, fishing, golfing, hiking, horseback riding, jogging, and weight training, plus the nearly limitless sightseeing that the historic and scenic Bluegrass region of Kentucky offers.

Cultural experiences are considered an integral part of a liberal studies education. Numerous cultural events are scheduled throughout every academic year — many by the University and many by local organizations that use campus facilities for events open to students as well as to the general public.

Bradford Hall houses student practice rooms and rehearsal halls for Kentucky State University's instrumental and vocal ensembles. The Bradford Hall Auditorium and Little Theatre are the sites of concerts, lectures, and plays. Art and photography exhibitions attended by the public from Frankfort and the surrounding area as well as by University students, faculty, and staff are presented in Jackson Hall Gallery and Blazer Library.

Public figures spanning the spectrum of political and human endeavor appear often at Kentucky State University. In recent years convocations or special events have scheduled, among others, poet Gwendolyn Brooks, author Alex Haley, American philosopher Mortimer Adler, NAACP executive director Benjamin Hooks, journalist and former White House press secretary Jody Powell, historian David Brion Davis, actor John Forsythe, singers Marilyn McCoo and Billy Davis, Jr., tennis star Arthur Ashe, Jr., classics performer Frank E. Fowle III, professional football coach



Dan Reeves, author Terri McMillan, neurochemist Ivan Mefford, poet John Ciardi, social commentator Tony Brown, jazz and classical musician David Baker, World Bank official Gretchen Handwerger, former U.S. Secretary of Education Terrel H. Bell, former first lady Rosalyn Carter, author and Soviet defector Vladimir N. Sakharov, and Pulitzer Prize-winning photojournalist Moneta Sleet, Jr. Most of the Frankfort Arts Foundation's annual presentations — which include symphonic concerts, ballets, play productions, and operas — take place on the Kentucky State University campus.



## THE STATE CAPITAL: AN EXTENDED CAMPUS

Frankfort, the capital city of Kentucky and the home of Kentucky State University, lies on the western edge of the state's Bluegrass region. The city of 27,500, which is more than 200 years old, grew along the banks of the Kentucky River in a small valley bordered by limestone cliffs. Preservation of historic structures throughout the city adds to its picturesque quality. Easily accessible by major highways, Frankfort is within a short drive of Lexington, Louisville, and Cincinnati.

Frankfort's history is rich with familiar names and events. Daniel and Rebecca Boone are buried in a cemetery overlooking the city, just a few minutes walk from the Kentucky State University campus. In the old Statehouse, Aaron Burr was brought before a grand jury on the charge of treason. The Military History Museum contains artifacts going back to the Revolutionary War and Civil War periods. Old houses at the Corner of Celebrities, located in the city's oldest residential neighborhood, have at different times been the residences of governors, supreme court judges, senators, and other noted statesmen. The Old Capitol Building is a finely restored example of Greek Revival architecture and the first public work by renowned architect Gideon Shryock. Its marble double-spiral staircase is a beautiful example of innovative design and superb craftsmanship.

The Orlando Brown House, also designed by Shryock, and Liberty Hall, built by statesman John

Brown, served as meeting places for such famous figures as Zachary Taylor, James Monroe, Andrew Jackson, and Theodore Roosevelt. These two houses, along with the Glen Willis House, provide the city with beautiful areas for public receptions and with formal gardens along the river.

Today, offices of state government, the University, and local organizations join together to provide the city with places and events of interest. Beautifully planted gardens at the new State Capitol and throughout the city establish pleasant and congenial surroundings. The Frankfort Arts Foundation brings nationally recognized talent to Frankfort for musical and theatrical productions. Art galleries show works by the widely known late local painter, Paul Sawyier, along with shows by other nationally and locally known artists. The Game Farm, established in 1944 by the state Department of Fish and Wildlife Resources, is only three miles from downtown Frankfort. In addition to its woods and lakes, which serve as rest and feeding areas for migratory birds, almost all of Kentucky's native animal species are in residence.

Frankfort is a diverse community that offers Kentucky State University students a variety of opportunities for recreation and personal growth. Students can choose to be a part of this community in many ways. It offers access to a rich cultural and historical perspective while providing avenues for involvement in civic and community affairs.

# THE LAND GRANT MISSION

Kentucky State University is one of seventeen 1890 land-grant institutions that were mandated by the Morrill Act of 1890 to conduct research, extension, and teaching in the food and agricultural sciences.

## COMMUNITY RESEARCH SERVICE

Research responsibilities are met at the University by the Community Research Service. These research programs are administered by the U.S. Department of Agriculture's Cooperative State Research Service.

The mission of Kentucky State's Community Research Service is to help resolve agricultural, educational, economic, and social problems of the people of Kentucky, especially those people with limited resources living in rural communities. Currently, research is being conducted in four broad areas: aquaculture and natural resources; human nutrition, health, and home economics; plant and soil science; and rural development. Scientists with diversified educational backgrounds as well as domestic and international experiences are involved in outstanding research, including projects in warm water and cold water fish production, acid rain, plant tissue culture, grain storage pest control, child development, rural crime, and nutritional problems of the elderly.

The Atwood Agricultural Research Facility houses the principal laboratories and offices and serves as the hub for program activities. Augmenting this facility are a research farm and a fish hatchery/pond complex, both designed to test theoretical laboratory work under practical field conditions.

Research projects can involve students as laboratory assistants. High school juniors and seniors participate in the research program through the Student Apprenticeship Program, which provides exposure to research and related career opportunities.

## COOPERATIVE EXTENSION PROGRAM

The Cooperative Extension system is a nationwide network established by Congress to extend research-based knowledge and technology from the laboratory to the community. A joint effort between the U.S.

Department of Agriculture, the land-grant University systems, and the counties in each state, Cooperative Extension is designed to provide grassroots, not-for-credit educational programs in agriculture, home economics, community resource development, and youth development.

Kentucky officially joined the partnership in 1916 and today has two land-grant universities: Kentucky State University and the University of Kentucky. All land-grant universities serve three primary functions: resident instruction, research, and public service.

Since 1972, Kentucky State University's Cooperative Extension Program has fulfilled the public service role by providing educational and technical assistance to limited-resource families and by meeting the needs of homemakers, farmers, youth, the elderly, and many others.

Some Extension programs are one-on-one efforts in which paraprofessionals work directly with family members. One such program, the Family Development and Management Program, helped limited-resource families in Kentucky save more than \$158,000 in the operation of their households during a one-year period. Through another program, farmers increased their income an average of \$10,000 each.

Other programs, including family economics and management, child development, and community resource development, help families lead healthier, happier lives and make better use of community resources.

Each program is developed to meet a need expressed at the local level and to help Kentuckians deal effectively with the tasks of everyday living. The payoff is seen in dollars saved, more satisfying relationships, more attractive homes and communities, and new industries.

Students at Kentucky State University can learn more about Cooperative Extension as a career choice through student work assignments, work-study, and other student employment opportunities. Opportunities are available to all students, regardless of major study choices.



# ACADEMIC FIELDS OF STUDY

## and Number of Semester Credit Hours for Completion

AP — College of Applied Sciences  
 AR — College of Arts and Sciences  
 BU — School of Business  
 CC — Community College  
 SP — Graduate Center/School of Public Affairs  
 WY — Whitney M. Young, Jr. College of Leadership Studies

### ASSOCIATE IN APPLIED SCIENCE DEGREE

#### Majors

Child Development and Family Relations (AP,64)  
 Computer Science (AP,64)  
 Criminal Justice (AP,64)  
 Drafting and Design Technology (CC,64)  
 Electronics Technology (CC,64)  
 Manufacturing Technology (CC,64)  
 Nursing (CC,73)  
 Office Administration (CC,66)

### ASSOCIATE OF ARTS DEGREE

#### Major

Liberal Studies (WY,67) (CC,65)

### BACHELOR OF MUSIC IN PERFORMANCE DEGREE

#### Majors

Music Performance  
 Option: Instrumental (AR,141-142)  
 Option: Vocal (AR,141)

### BACHELOR OF MUSIC EDUCATION DEGREE

#### Majors

Music Education  
 Option: Instrumental (AP,AR,144-145)  
 Option: Vocal (AP,AR,144)

### BACHELOR OF ARTS DEGREE

#### Majors

Art Education (AP,138)  
 Business Administration  
 Specializations:  
 Accounting (BU,128)  
 Business Administration (BU,128)  
 Economics (BU,128)  
 Management (BU,128)  
 Management with a minor in  
 Manufacturing (BU,CC,143)  
 Marketing (BU,128)

Child Development and Family Relations (AP,128)  
 Criminal Justice (AP,128)  
 Early Elementary Education (AP,140-141) Specialty Area Required  
 English with a dual major (AR,128); English without a minor (AR,128); or English with a minor (AR,128)  
 History (AR,128) Minor Required  
 Liberal Studies

Option: Whitney M. Young, Jr. College of Leadership Studies (WY,128) Minor Required  
 Option: Student-designed (AR,128)  
 Option: Student-designed (WY,128)  
 Mathematics (AR,132-137)  
 Physical Education (Non-teaching)(AR,129-135) Minor Required  
 Political Science (AR,128) Minor Required  
 Psychology (AR,128) Minor Required  
 Public Administration (SP,128)  
 Social Studies Education (AP,135)  
 Social Work (AP,133)  
 Sociology (AR,128) Minor Required  
 Studio Art (AR,131) Minor Required; Studio Art (AR, 131) with two areas of specialization required from among Art History, Ceramics, Drawing, Painting, Photography, Printmaking, Sculpture, or Weaving  
 Textiles, Clothing, and Merchandising  
 Option: Specialization in Art (AP, 128)  
 Option: Specialization in Business (AP, 128)

### BACHELOR OF SCIENCE DEGREE

#### Majors

Applied Mathematics/Engineering (Double-Degree Engineering Program) (AR,132-144)  
 Biology  
 Option: Biological Health Sciences (AR,139)  
 Option: General Biology (AR,137-140)  
 Chemistry (AR,144)  
 Computer Science (AP,128) Minor required  
 Medical Technology (AR,148-150)  
 Physical Education (Teaching) (AP,138-140)

### MASTER OF PUBLIC ADMINISTRATION DEGREE

#### Specialty Areas:

State Administration, Personnel Management, Management Information Systems (MIS), and International Administration and Development (SP,36-42)

### ENDORSEMENTS

Athletic Coaching (AR,16) Available to all baccalaureate degree-seeking students, excluding Physical Education majors.  
 Computer Science (Teaching) (AP,21)  
 Music Education, Instrumental or Vocal (Teaching) (AR,AP,12)

### PROGRAMS LEADING TO TEACHER CERTIFICATION BY KENTUCKY DEPARTMENT OF EDUCATION

Biology (AP,AR,136-137)  
 English Education (AP,AR,135)  
 History Education (AP,AR,132)  
 Mathematics Education (AP,AR,136)

### MINOR PROGRAMS

Accounting (BU,18)  
 African-American Studies (AR,18)  
 Athletic Training (AR,21)  
 Biology (AR,21)  
 Chemistry (AR,20)  
 Computer Science (AP,21)  
 Criminal Justice (AP,18)  
 Economics (BU,18)  
 English (AR,21)  
 English (Teaching) (AP,AR,24)  
 Finance (BU,21)  
 French (AR,18)  
 Gerontology (AP,21)  
 Health Education (Teaching) (AP,AR,22)  
 History (AR,21)  
 History (Teaching) (AP,AR,21)  
 Liberal Studies (WY,21)  
 Management (BU,21)

Manufacturing (BU,CC,18)

(Must major in Business Administration with a specialization in Management)

Marketing (BU,21)  
 Mathematics (AR,19)  
 Mathematics (Teaching) (AP,AR,23)  
 Music Performance (AR,21)  
 Philosophy (AR,18)  
 Physics (AR,19)  
 Political Science (AR,18)  
 Psychology (AR,18)  
 Public Administration (SP,18)  
 Recreation (AR,21)  
 Sociology (AR,18)  
 Sociology (Teaching) (AP,AR,21)  
 Spanish (AR,18)  
 Speech and Theatre (AR,21)  
 Sports Management (AR,21)  
 Studio Art (AR,21)

(Teaching minors are only available to students who have teaching majors.)

### PRE-PROFESSIONAL PROGRAMS

Community Health (2-2)\*  
 Cytotechnology (2-2)\*  
 Dentistry  
 Engineering (3-2 Applied Mathematics)\*  
 Law  
 Medical Technology (3-1)\*  
 Medicine  
 Nuclear Medicine Technology (2-2)\*  
 Optometry  
 Physical Therapy (2-2)\*  
 Veterinary Medicine

\*First figure represents years of study at Kentucky State University; second figure represents years of study at cooperating institution.

### MILITARY PROGRAMS

#### Military Science:

Army Reserve Officer Training Corps (AROTC) (AR,25)  
 Air Force Reserve Officer Training Corps (AFROTC) through the University of Kentucky



# THE COLLEGE OF ARTS AND SCIENCES

*The entire object of true education is to make people not merely do the right things, but to enjoy them — not merely industrious, but to love industry — not merely learned, but to love knowledge — not merely pure, but to love purity — not merely just, but to hunger and thirst after justice.*

—John Ruskin

At the heart of a liberal studies institution, one finds the subjects and disciplines of the traditional arts and sciences. Excellence in teaching is the governing institutional objective of Kentucky State University's College of Arts and Sciences. Academic programs of the College are varied and broad in scope. Academic majors are offered in the following fields:

Art (Studio)	Mathematics
Biology	Medical Technology
Chemistry	Music Performance
English	Physical Education
History	(Non-teaching)
Liberal Studies	Political Science
(Student-designed major)	Psychology
	Sociology

In addition, in cooperation with the University of Kentucky, Vanderbilt University, the University of Maryland at College Park, and Florida A & M University, Kentucky State University offers a pre-engineering academic major program. Students study Applied Mathematics at the University for the initial three years of their undergraduate career. Upon successful completion of requirements at Kentucky State University, pre-engineering students are accepted by the University of Kentucky, Vanderbilt University, the University of Maryland at College Park, or Florida A & M University for two additional years of rigorous study in any of several fields of engineering. A student who successfully completes both portions of this double-degree program is awarded a Bachelor of Science degree in Applied Mathematics from Kentucky State University and an engineering degree in the specific field from the University of Kentucky, Vanderbilt University, the University of Maryland at College Park, or Florida A & M University. Details of this particular program may be found in this Catalogue section about the Division of Mathematics and Sciences.

Students interested in earning credit toward certification for teaching at the elementary or secondary level may undertake coursework offered by divisions of the College of Arts and Sciences in cooperation with the faculty of the Department of Education within the College of Applied Sciences. Details of these programs may be found in the College of Applied Sciences section elsewhere in this Catalogue. Students should refer to the appropriate subject matter sections of the College of Arts and Sciences section for coursework requirements applicable to their particular programs. To earn a degree through the College of Arts and Sciences in four years, students must satisfy both departmental and University course requirements. Summer session coursework and possibly an additional year may be required in some cases. Every student is encouraged to work closely with his or her mentor or advisor.

## INSTITUTE FOR LIBERAL STUDIES

The Institute for Liberal Studies provides leadership in the continuous development and implementation of a comprehensive program in liberal studies. It seeks to enhance the mission of the University through academic and scholarly activities, focusing on the intellectual enrichment of faculty and students.

The numerous functions of the Institute for Liberal Studies include the production of an annual interdisciplinary conference, bringing together scholars from all over the nation, to present papers on a specific topic that varies from year to year; the publication of selected lectures made available to a broad readership participating in the ongoing national debate on liberal studies; and the sponsorship of summer institutes designed to improve teaching in liberal studies areas.

The Institute for Liberal Studies was created to provide opportunities for developing activities which are of direct interest to the interdisciplinary community of scholars both at Kentucky State University and in the nation.

## THE ENDOWED CHAIR

An endowed chair is one of the most prestigious academic appointments a university can make. The creation of such a position marks a high level of maturity of the institution, for it demonstrates the importance of scholarly activities and a commitment to academic excellence. Furthermore, it reflects the reputation of the institution. Recognizing these facts, Kentucky State University established the Endowed Chair in the Humanities.

The Endowed Chair is a major component in Kentucky State University's continued liberal studies thrust. The endowed professorship, through its placement in the College of Arts and Sciences, helps to bring into a central focus the University's liberal studies mission. Through the establishment of the Endowed Chair, the University's mission in Kentucky public higher education to be the unique, small, liberal studies institution in the state system is greatly enhanced. The Endowed Chair places the University in a unique position relative to other higher education institutions in the state and nation in the development and implementation of a comprehensive program of liberal studies education.

## INTEGRATIVE STUDIES

Integrative Studies is a basic component of the 53 semester credit hour Liberal Studies Requirements. It elicits from both faculty and students a commitment to analyze and interpret a body of knowledge that links the perennial questions of human life with the greatest works of history, literature, art, philosophy, and the sciences. It challenges faculty and students to view learning as an integrative process by suggesting conceptual bridges which can span historical moments and various disciplines of study.

Integrative Studies emphasizes critical and analytical ability in dealing with events, individuals, ideas, artifacts, and texts that have contributed to human achievements.

The program consists of seven seminar-type courses, three in the Western and four in the non-Western traditions. In addition to those required courses, Integrative Studies also offers a Senior Seminar for students who are interested in exploring a specific interdisciplinary theme. The program became an integral part of the curriculum in the fall of 1983. Teachers from all disciplines are invited to participate.

With the exception of Whitney M. Young, Jr. College of Leadership Studies students, all baccalaureate degree-seeking students must successfully complete 12 semester credit hours in Integrative Studies. The course

requirements are IGS 200, 201, and 300; and one of the following: IGS 301, 302, 303, or 304.

The number of Integrative Studies semester credit hours required of transfer students varies in accordance with the number of transfer credit hours accepted by the University toward fulfillment of graduation requirements. The Integrative Studies requirements by number of transfer credit hours are the following:

- All students entering the University with 30 or fewer semester credit hours must successfully complete 12 semester credit hours of Integrative Studies.
- Students entering the University with more than 30 but fewer than 45 semester credit hours must successfully complete 9 semester credit hours of Integrative Studies.
- Students entering the University with more than 44 but fewer than 60 semester credit hours must successfully complete 6 semester credit hours of Integrative Studies.
- Students entering the University with more than 59 semester credit hours must successfully complete 3 semester credit hours of Integrative Studies.

Students who transfer with courses similar to the University's Integrative Studies offerings may be exempted from these courses, with the consent of the Coordinator of Integrative Studies or the Dean of the College of Arts and Sciences. Those exemptions will be determined on an individual basis.

## BACHELOR OF ARTS IN LIBERAL STUDIES (Student-designed major)

Through the College of Arts and Sciences or the Whitney M. Young, Jr. College of Leadership Studies, it is possible to earn a Bachelor of Arts degree following a specially designed, individualized curriculum. A self-designed liberal studies curriculum permits a student to pursue a course of study which combines related subjects from different disciplines for the sake of some specific, approved educational or career goal. The self-designed curriculum option is intended to serve students with special academic needs while maintaining coherence and integrity in the course of study.

A student pursuing this degree must complete the University's Liberal Studies Requirements (or their equivalent through the Whitney M. Young, Jr. College of Leadership Studies). In the sophomore year the student should petition for permission to follow a self-designed curriculum. The general University requirement for a minimum of 128 semester credit hours for

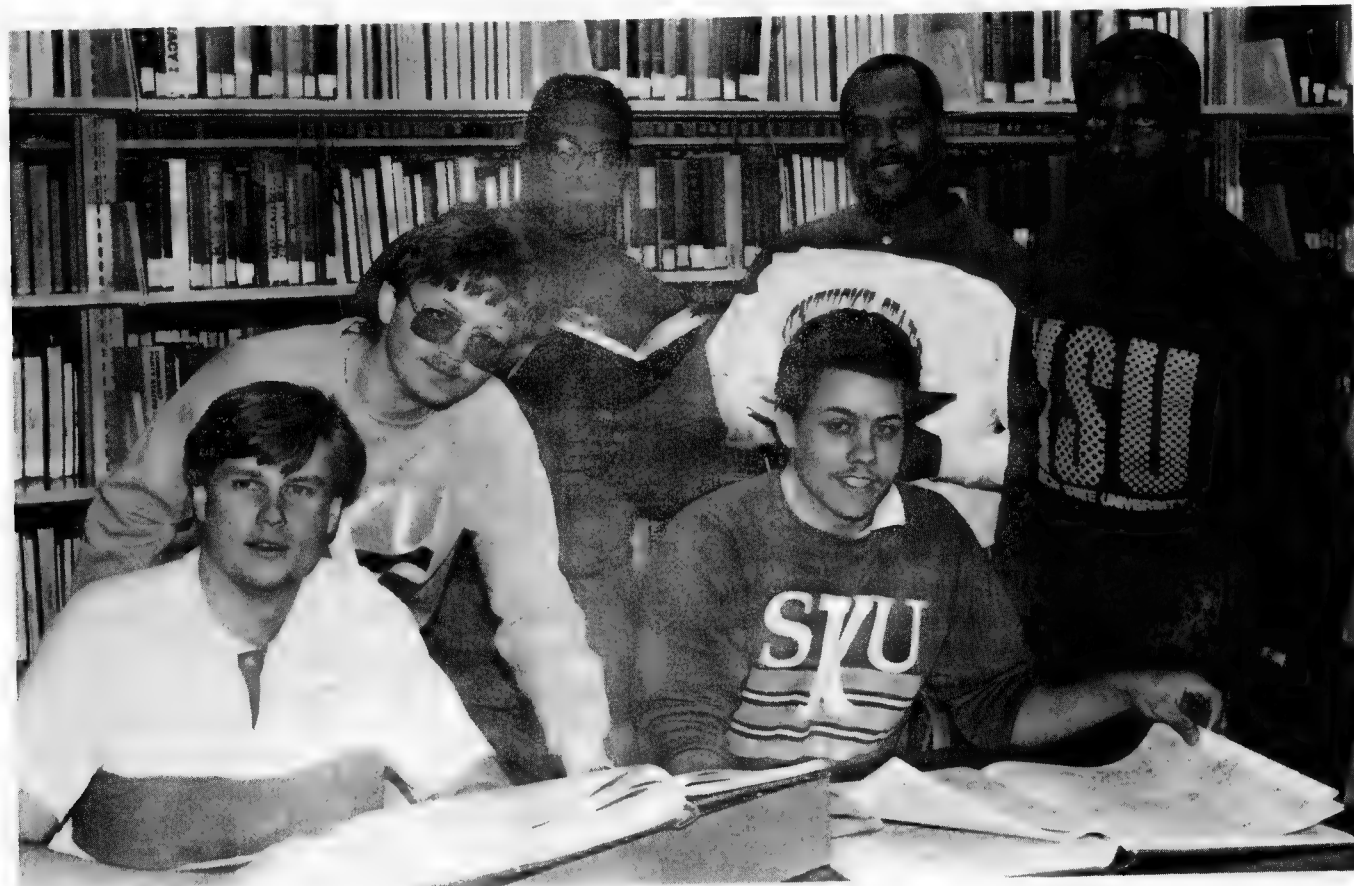


the Bachelor of Arts degree must be met. This petition will define and justify an interdisciplinary course of study. It will specify the general topic and purpose, show how particular courses from various divisions or departments will contribute to the general goal, and propose a realistic course-sequencing order.

The student will submit this petition to his or her mentor or advisor, who will collaborate with the student in refining the proposal. The mentor or advisor will send the petition and his or her recommendation to the department or division chairperson for review. The chairperson will examine the proposal and send

it on with a recommendation to the dean of the college. The dean will transmit the petition and his recommendation to the Vice President for Academic Affairs. The proposal will not be an approved course of study until it has the written approval of the Vice President for Academic Affairs.

A petition for a self-designed Bachelor of Arts in Liberal Studies program of study may be made after the sophomore year, but students who wait until the junior or senior year to propose an interdisciplinary curriculum will generally not be able to finish their undergraduate work within four academic years.



## THE DIVISION OF BEHAVIORAL AND SOCIAL SCIENCES



The Division of Behavioral and Social Sciences is committed to the University's particular emphasis on liberal studies. Baccalaureate degree programs are offered in History, Political Science, Psychology, and Sociology. The Division provides its students with knowledge, skills, tools and perspectives to analyze and interpret phenomena in their selected fields as well as in related disciplines. The intent is to develop scholars who are knowledgeable and well versed in each of the behavioral and social sciences.

To realize these objectives, the Division has developed a core curriculum involving each of its degree programs. This core integrates the academic experiences of the students by allowing them the opportunity to share common classes, to develop a common core of ideas, and to interact with faculty members in the Division.

All students majoring in History, Political Science, Psychology, or Sociology must successfully complete at least one course at the 200-level or above in the following areas: History, Political Science, Psychology, and Sociology; and at least one course in Geography at any level. Majors in Political Science, Psychology, and Sociology must successfully complete POS/PSY/SOC 300 and 301. All majors must successfully complete BSS 499, Senior Colloquium.

In cooperation with the Department of Education, the Division offers certification in History Education. Course requirements differ from those for a Bachelor of Arts degree in History. In addition, the Department of Education offers a certification in Social Studies

Education which primarily requires courses from the Division of Behavioral and Social Sciences curriculum along with professional Education courses. Details of these programs may be found in the Department of Education section of this Catalogue.

### AFRICAN-AMERICAN STUDIES

The Division of Behavioral and Social Sciences also offers a minor in African-American Studies. This is an interdisciplinary program administered by the faculty of History. Kentucky State University is committed to continued scholarship, inquiry, and education in African-American history and culture. By drawing upon the resources of faculty in a broad range of related studies, it is hoped that students will develop an understanding of the African-American experience from a variety of perspectives.

Admission to this program requires a cumulative grade-point average of 2.0, and it is recommended that students complete the Liberal Studies Requirements prior to pursuit of the minor. Students must successfully complete 18 semester credit hours from a variety of interdisciplinary courses selected in consultation with their advisor. The courses include ART 303; ENG 409; GEO 212; HIS 314, 375, 376, and 411; MUS 323 and 325; POS 462; and SOC 304.

### HISTORY

Courses in History treat the social, political, and intellectual development of civilizations throughout the world. A History major may choose courses that deal with Europe, North America, and the non-Western world.

To earn the Bachelor of Arts degree in History, a student must complete a minimum of 128 semester credit hours with 33 semester credit hours in History. The required courses are HIS 101, 102, 201, and 202; 314 or 422; and 376 or 433; and an additional 15 semester credit hours of 300/400-level History courses must be selected in consultation with the student's advisor. Additionally, the student must complete a minor.

A minor in History requires the completion of 21 semester credit hours. Specific course requirements include HIS 102, 201, and 202. The remaining 12 semester credit hours must be selected in consultation with the student's minor advisor from 300/400-level History courses. In addition, students must complete HIS 103 as part of the Liberal Studies Requirement.



**Suggested Curriculum**  
**BACHELOR OF ARTS IN HISTORY**  
**(Minor Required)**  
**Total Hours: 128**

**FRESHMAN YEAR**

	Hours	Spring	Hours
<b>Fall</b>			
BIO 101 Life Science	3	ART 130 Intro. to Art OR	3
ENG 101 English Composition I	3	MUS 130 Intro. to Music	3
HIS 101 World Civilization I	3	ENG 102 English Composition II	3
MAT 110 Interm. Algebra or above	3	HIS 102 World Civilization II	3
POS 101 American Government	3	SPE 103 Interpersonal Commun.	3
	3	Foreign Language	3
	<u>18</u>		<u>15</u>

**SOPHOMORE YEAR**

	Hours	Spring	Hours
<b>Fall</b>			
ENG 211 Intro. to Literature	3	HIS 202 U.S. History Since 1865	3
GEO Course any level	3	IGS 201 Coverg/Reshape/Cultures	3
HED 221 Personal Health/Fitness OR		POS Course 200-level or above	3
PHE P. E. Activity Courses	2	PSY Course 200-level or above	3
HIS 201 U.S. History to 1865	3	SOC Course 200-level or above	3
IGS 200 Found. of Western Culture	3		<u>15</u>
*Natural Science	3		
	<u>17</u>		

**JUNIOR YEAR**

	Hours	Spring	Hours
<b>Fall</b>			
HIS 314 African-Amer in the U.S. OR	3	HIS 376 African History from 1870 OR	3
HIS 422 Recent U.S. History	6	HIS 433 Twentieth Century Europe	3
HIS Electives 300/400-level	3	HIS Elective 300/400-level	3
IGS 300 New Forms of Culture	6	**IGS 301, 302, 303, or 304	6
Minor Courses	<u>18</u>	Minor Courses	<u>15</u>

**SENIOR YEAR**

	Hours	Spring	Hours
<b>Fall</b>			
HIS Electives 300/400-level	6	BSS 499 Senior Colloquium	3
Electives 300/400-level	6	Electives	6
Elective OR	3	Minor Courses 300/400-level	6
Minor Course 300/400-level	<u>15</u>		<u>15</u>

\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.  
 \*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures),  
 or IGS 304 (The African-American Experience)

**POLITICAL SCIENCE**

Political Science as a discipline encompasses the systematic study of the state and its government. It is one of the social sciences, yet is an independent discipline justified by the demands of specialization as well as by the unique importance of the state.

Political Science at Kentucky State University has a highly developed academic curriculum that prepares students for graduate study in political science or related areas, such as law or public administration.

To earn the Bachelor of Arts degree in Political Science, a student must complete a minimum of 128 semester credit hours with 33 semester credit hours in Political Science. The required courses are POS 160, 201,

211, 300, 301; POS 311 or 462; POS 322 or 361; POS 331 or 431; and POS 355; and an additional 6 semester credit hours of 300/400-level Political Science courses must be selected in consultation with the student's advisor. Additionally, the student must complete a minor.

A minor in Political Science requires the completion of 18 semester credit hours. Specific course requirements include POS 160 and 211; POS 300 or 301; POS 355 and 462; and the remaining 3 semester credit hours must be selected in consultation with the student's minor advisor from 300/400-level Political Science courses. In addition, students must complete POS 101 as part of the Liberal Studies Requirement.





**Suggested Curriculum**  
**BACHELOR OF ARTS IN POLITICAL SCIENCE**  
 (Minor Required)  
 Total Hours: 128

**FRESHMAN YEAR**

Fall		Hours	Spring	Hours
ART 130	Intro. to Art OR		ENG 102	English Composition II
MUS 130	Intro. to Music	3	HIS 103	Western Civilization
BIO 101	Life Science	3	POS 160	State/Local Government
ENG 101	English Composition I	3	SPE 103	Interpersonal Commun.
MAT 110	Interm. Algebra or above	3		Foreign Language
POS 101	American Government	3		*Natural Science
	Foreign Language	3		
		<u>18</u>		<u>18</u>

**SOPHOMORE YEAR**

Fall		Hours	Spring	Hours
ENG 211	Intro. to Literature	3	GEO	Course any level
HED 221	Personal Health/Fitness OR		HIS	Course 200-level or above
PHE	P. E. Activity Courses	2	IGS 201	Converg/Reshape/Cultures
IGS 200	Found. of Western Culture	3	POS 201	Metropolitan Government
POS 211	Intro. to Polit. Sci.	3		Elective
PSY	Course 200-level or above	3		
SOC	Course 200-level or above	3		
		<u>17</u>		<u>15</u>

**JUNIOR YEAR**

Fall		Hours	Spring	Hours
IGS 300	New Forms of Culture	3	**IGS 301, 302, 303, or 304	3
POS 300	Statistics for the BSS	3	POS 301	Research Meth. for the BSS
POS 322	Legislative Process OR		POS 331	Amer. Constitutional Law OR
POS 361	World Politics	3	POS 431	Constitution/Civil Lib.
	Minor Courses	6	POS 355	Class. Polit./Soc. Theory
		<u>15</u>		Elective OR
				Minor Course 300/400-level
				<u>3</u>
				<u>15</u>

**SENIOR YEAR**

Fall		Hours	Spring	Hours
POS 311	Comparative Government OR		BSS 499	Senior Colloquium
POS 462	Politics of Dev. Nations	3		Electives
POS	Electives 300/400-level	6		Minor Courses 300/400-level
	Minor Course	3		
	Minor Course 300/400-level	3		
		<u>15</u>		<u>15</u>

\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.  
 \*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures),  
 or IGS 304 (The African-American Experience)

**PSYCHOLOGY**

Psychology involves the scientific study of a vast array of phenomena related to the actions and experiences of organisms. Psychologists study phenomena such as perception, memory, thought, behavior, and the social, physiological, and developmental processes that underlie these phenomena. In addition to its commitment to scientific truth, psychology requires the application of knowledge and skills to assess, prevent, and resolve individual and social problems.

The program in Psychology at Kentucky State University leads to a major or a minor that prepares the student with a solid, well-rounded education in psychology. The study of Psychology serves as a useful foundation for the pursuit of careers in business, law, medicine, social work and the other helping professions, or majors may pursue further study in psychology at the graduate level.



To earn a Bachelor of Arts degree in Psychology, a student must complete a minimum of 128 semester credit hours, including 33 semester credit hours in Psychology. The required courses are PSY 300, 301, 303, 304, 320, 400 or 401, 405 or 406; and two of the following courses PSY 408, 409, 410, or 411. An additional 6 semester credit hours of 300/400-level Psychology courses must be selected in consultation with the student's advisor. Additionally, the student must complete a minor.

A minor in Psychology requires the completion of 18 semester credit hours. Specific course requirements include PSY 300, 303, 304, 400 or 401; and the remaining 6 semester credit hours must be selected in consultation with the student's minor advisor from 300/400-level Psychology courses. In addition, students must complete PSY 200 as part of the Liberal Studies Requirement.



Suggested Curriculum  
BACHELOR OF ARTS IN PSYCHOLOGY  
(Minor Required)  
Total Hours: 128

FRESHMAN YEAR			
Fall	Hours	Spring	Hours
BIO 101 Life Science	3	ART 130 Intro. to Art OR	3
ENG 101 English Composition I	3	MUS 130 Intro. to Music	3
HIS 103 Western Civilization	3	ENG 102 English Composition II	3
MAT 110 Interm. Algebra or above	3	POS 101 American Government	3
	3	SPE 103 Interpersonal Commun.	3
	15	Foreign Language	3
		*Natural Science	3
			18
SOPHOMORE YEAR			
Fall	Hours	Spring	Hours
ENG 211 Intro. to Literature	3	HED 221 Personal Health/Fitness OR	2
GEO Course any level	3	PHE P. E. Activity Courses	3
IGS 200 Found. of Western Culture	3	HIS Course 200-level or above	3
PSY 200 General Psychology	3	IGS 201 Converge/Reshape/Cultures	3
SOC Course 200-level or above	3	POS Course 200-level or above	3
	15	Electives	6
			17
JUNIOR YEAR			
Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	**IGS 301, 302, 303, or 304	3
PSY 300 Statistics for the BSS	3	PSY 301 Research Meth. for BSS	3
PSY 303 Theories and Methods in Developmental Psychology	3	PSY 304 Experimental Psychology	3
PSY 320 History and Systems of PSY	3	PSY 405 Seminar in Psychology I OR	3
Minor Courses	6	PSY 406 Seminar in Psychology II	3
	18	Elective OR	3
		Minor Course 300/400-level	3
			15
SENIOR YEAR			
Fall	Hours	Spring	Hours
PSY 400 Abnormal Psychology OR	3	BSS 499 Senior Colloquium	3
PSY 401 Personality Theory	3	PSY 408 Learning and Motivation OR	3
PSY 408 Learning and Motivation OR	3	PSY 409 Cognitive Psychology OR	3
PSY 409 Cognitive Psychology OR	3	PSY 410 Physiological Psychology OR	3
PSY 410 Physiological Psychology OR	3	PSY 411 Sensation and Perception	3
PSY 411 Sensation and Perception	3	PSY Elective 300/400-level	6
PSY Elective 300/400-level	3	Minor Courses	6
Minor Courses	6		15
	15		

\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.  
\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

SOCIOLOGY

Sociology is the scientific study of societies and social organizations. It examines the behavior of large and small groups in various contexts and seeks improved understanding of the principles and dynamics of human relationships.

The Sociology program at Kentucky State University offers a contemporary curriculum of sociology and related professional courses. The program builds upon a liberal studies foundation and is designed to provide students with several program and career options.

To earn a Bachelor of Arts degree in Sociology, a student must complete a minimum of 128 semester credit hours with 33 semester credit hours in Sociology.

The required courses are SOC 300, 301, 303, 304, 305, 403, and 405; and an additional 12 semester credit hours of Sociology courses at the 300/400-level must be selected in consultation with the student's advisor. Additionally, the student must complete a minor.

A minor in Sociology requires the successful completion of 18 semester credit hours. Specific course requirements are GEO 102; SOC 300 or 301, 304, and 305; and the remaining 6 semester credit hours must be selected in consultation with the student's minor advisor from 300/400-level Sociology courses. In addition, students must complete SOC 203 as part of the Liberal Studies Requirement.





**Suggested Curriculum**  
**BACHELOR OF ARTS IN SOCIOLOGY**  
 (Minor Required)  
 Total Hours: 128

**FRESHMAN YEAR**

		Hours	Spring		Hours
Fall	BIO 101	3	ART 130	Intro. to Art OR	
	ENG 101	3	MUS 130	Intro. to Music	3
	GEO 102	3	ENG 102	English Composition II	3
	HIS 103	3	POS 101	American Government	3
	MAT 110	3	SPE 103	Interpersonal Commun.	3
		3		Foreign Language	3
		18		*Natural Science	3
					18

**SOPHOMORE YEAR**

		Hours	Spring		Hours
Fall	ENG 211	3	HED 221	Personal Health/Fitness OR	
	IGS 200	3	PHE	P. E. Activity Courses	2
	POS	3	HIS	Course 200-level or above	3
	SOC 203	3	IGS 201	Converg/Reshape/Cultures	3
		3	PSY	Course 200-level or above	3
		15		Elective	3
				Minor Course	3
					17

**JUNIOR YEAR**

		Hours	Spring		Hours
Fall	IGS 300	3	**IGS 301, 302, 303, or 304		3
	SOC 300	3	SOC 301	Research Methods for BSS	3
	SOC 303	3	SOC 304	Race and Ethnic Relations	3
	SOC 305	3	SOC	Elective 300/400-level	3
		3		Elective OR	
		15		Minor Course 300/400-level	3
					15

**SENIOR YEAR**

		Hours	Spring		Hours
Fall	SOC 405	3	BSS 499	Senior Colloquium	3
	SOC	6	SOC 403	Social Psychology	3
		6	SOC	Elective 300/400-level	3
		15		Minor Courses	6
					15

\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

# THE DIVISION OF FINE ARTS

The Division of Fine Arts is comprised of the programs in Art; Music; and Speech, Communication, and Theatre. Baccalaureate degree programs are offered in Studio Art and in Music Performance, and minors are offered in Art, in Music, and in Speech and Theatre. The arts broaden human potential and provide room for creativity and growth. The arts also enhance the quality of life and the development of cognitive and expressive skills. Through presentations such as concerts, theatre productions, art exhibitions, lectures, and workshops, the arts provide an aesthetic and cultural environment vital to academic life. The Division of Fine Arts prepares its majors for a variety of professions in the arts and related fields and gives them a foundation for graduate study.

## ART

The Division of Fine Arts offers a Bachelor of Arts degree in Studio Art and, in cooperation with the Department of Education of the College of Applied Sciences, the coursework necessary for teacher certification in Art Education. Details of the teacher certification program may be found in the Department of Education subsection of the College of Applied Sciences section of this Catalogue.

Art courses at Kentucky State University are designed to serve both those students who are interested in art as a profession and those who are primarily interested in obtaining knowledge of various art forms or opportunities for creative expression. Course offerings include those in drawing, painting, printmaking, photography, film, commercial arts, design, sculpture, ceramics, weaving, interior design, art history, and art education.

Students have the option of pursuing either a major in Studio Art or a major in Studio Art with two areas of specialization. Art areas of specialization may be selected from art history, ceramics, drawing, painting, photography, printmaking, sculpture, or weaving.

**Studio Art Major with a Minor:** This major is for students who desire a liberal arts education with a general background in the visual arts. The program consists of 51 semester credit hours in studio and art history courses, an academic minor outside of Art, 6-9 semester credit hours of free electives, and the Liberal Studies Requirements. The required Art courses are ART 110, 112, 113, 160, 201, 202, 211, and 400; 15 semester credit hours of limited electives to be selected from ART 220, 240, 245, 305, 307, 310, 315, or 317; a 3 semester credit hour art history elective; and 12 semester credit hours of 300/400-level courses in one

Art area of specialization. The major requires a total of 131 semester credit hours.

**Studio Art Major with Two Areas of Specialization:** This major is for students who want a stronger foundation in Art with specialized study in two areas of Art. The program consists of 71 semester credit hours of studio and art history courses, 7 semester credit hours of free electives, and the Liberal Studies Requirements. A minor is not required. The required Art courses are ART 110, 112, 113, 160, 201, 202, 211, and 400; 18 semester credit hours of limited electives to be selected from ART 220, 240, 245, 305, 307, 310, 315, or 317; 12 semester credit hours of 300/400-level courses in each of two Art areas of specialization; and 6 semester credit hours of art history electives. The major requires a total of 131 semester credit hours. Students who intend to do graduate work in art should pursue this option.

**Studio Art Minor:** This is a non-teaching minor. A minor in Studio Art requires the completion of 21 semester credit hours. Specific course requirements include ART 110, 112, 113, 201, and 202; and 6 semester credit hours of studio art electives at the 200-level or above.

Enrollment in studio art courses is generally limited to 10-15 students. The instructor provides personal guidance and attention to each student. Studio spaces are available for students to have individual working areas.

Studio and academic opportunities are enriched for Art majors by field trips to galleries and museums and by a series of guest lecturers brought to the University. In addition, Jackson Hall Gallery hosts local, regional, and national art exhibitions for the entire University.

The nature of the study of art at Kentucky State University requires the stipulation of certain regulations. They are as follows:

- **Student Advisement.** Each Art major is assigned an advisor from the Art faculty. The student is kept abreast of curricular and departmental matters through close consultation with the advisor.
- **Course Sequence.** Art majors are required to take Art courses in prescribed sequences. Many courses are prerequisites to others. To deviate from a sequence, a student must obtain permission from the Coordinator of the Art Area.
- **Selection of Curriculum.** A student wishing to major in either Studio Art or Art Education should



contact the Coordinator of the Art Area no later than the second semester of the freshman year.

- **Studio Art Courses.** For each studio semester credit hour, two hours of work in class plus a minimum of one hour outside of class are required per week.
- **Art Exhibits.** All Art majors are expected to attend the opening of each campus exhibit sponsored by the Art Area.
- **Sophomore Review.** While enrolled in the fourth semester of the Art curriculum, each student must present examples of his or her art work from each of the studio art areas for review by members of the Art faculty. After this review the Art faculty will advise the student whether upper-level courses may be taken.
- **Senior Review and Exhibit.** Each Art major's work is reviewed during the senior year by a committee

of Art faculty members to ascertain whether the work is of sufficient quality to warrant a public exhibit. If a student's work does not pass the review, it must be resubmitted. Art majors are required to have a public, on-campus exhibit of their art work prior to graduation.

- **Graduates.** Each Art graduate will be asked to donate a piece of art to the University's permanent art collection.
- **Non-Art Majors.** Non-Art majors may take any introductory Art course and any advanced Art course for which prerequisites are waived by the instructor of the course.
- **Art Education Majors.** An Art Education major must comply with all of the above stated regulations and those stipulated elsewhere in this Catalogue in the College of Applied Sciences section.



**Suggested Curriculum  
BACHELOR OF ARTS IN STUDIO ART  
(Minor Required)  
Total Hours: 131**

**FRESHMAN YEAR**

Fall	Hours	Spring	Hours
ART 112 Two-Dimensional Design	3	ART 110 Basic Drawing I	3
ART 130 Intro. to Art	3	ART 113 Three-Dimensional Design	3
BIO 101 Life Science	3	ENG 102 English Composition II	3
ENG 101 English Composition I	3	HIS 103 Western Civilization	3
HED 221 Personal Health/Fitness OR		SPE 103 Interpersonal Commun.	3
PHE P. E. Activity Courses	2		
MAT 110 Interm. Algebra or above	3		15
	17		

**SOPHOMORE YEAR**

Fall	Hours	Spring	Hours
ART 201 Art History Survey I	3	ART 160 Art Symposium	1
ART 211 Basic Drawing II	3	ART 202 Art History Survey II	3
*ART Elective	3	*ART Elective	3
ENG 211 Intro. to Literature	3	IGS 201 Converge/Reshape/Cultures	3
IGS 200 Found. of Western Culture	3	Foreign Language	3
Foreign Language	3	**Natural Science	3
	18		16

**JUNIOR YEAR**

Fall	Hours	Spring	Hours
*ART Elective	3	ART 160 Art Symposium	1
***ART Area of Specialization	3	***ART Area of Specialization	3
IGS 300 New Forms of Culture	3	ECO 200 Survey of Economics OR	
PSY 200 General Psychology OR		POS 101 American Government	3
SOC 203 Prin. of Sociology	3	****IGS 301, 302, 303, or 304	3
Minor Courses	6	Minor Courses 300/400-level	6
	18		16

**SENIOR YEAR**

Fall	Hours	Spring	Hours
***ART Area of Specialization	3	*ART Electives	6
ART 400 Senior Seminar	1	***ART Area of Specialization	3
ART Art History Elective	3	Elective 300/400-level	3
Elective 300/400-level	3	Elective or Minor Course	3
Minor Courses 300/400-level	6		15
	16		

\*To be selected from ART 220, 240, 245, 305, 307, 310, 315, or 317.

\*\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\*\*Area of specialization may be in art history, ceramics, drawing, painting, photography, printmaking, sculpture, or weaving (300/400-level courses).

\*\*\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)



**Suggested Curriculum**  
**BACHELOR OF ARTS IN STUDIO ART**  
 (Two Areas of Specialization Required)  
**Total Hours: 131**

**FRESHMAN YEAR**

FRESHMAN YEAR				Hours	
Fall		Hours	Spring		
ART 112	Two-Dimensional Design	3	ART 110	Basic Drawing I	3
ART 130	Intro. to Art	3	ART 113	Three-Dimensional Design	3
BIO 101	Life Science	3	ART 160	Art Symposium	1
ENG 101	English Composition I	3	ENG 102	English Composition II	3
HED 221	Personal Health/Fitness OR		HIS 103	Western Civilization	3
PHE	P. E. Activity Courses	2	SPE 103	Interpersonal Commun.	3
MAT 110	Interm. Algebra or above	3			<hr/>
		<hr/>			16
		17			

**SOPHOMORE YEAR**

SENIOR YEAR				Hours	
Fall		Hours	Spring		
ART 201	Art History Survey I	3	ART 202	Art History Survey II	3
ART 211	Basic Drawing II	3	*ART	Studio Electives	6
*ART	Studio Elective	3	ART 160	Art Symposium	1
ENG 211	Intro. to Literature	3	IGS 201	Converg/Reshape/Cultures	3
IGS 200	Found. of Western Culture	3		Foreign Language	3
	Foreign Language	3			16
		18			

**JUNIOR YEAR**

JUNIOR YEAR				Hours
Fall		Hours	Spring	
ART	Art History Elective	3	ART 160	Art Symposium
**ART	Specialization I	3	**ART	Specialization I
**ART	Specialization II	3	**ART	Specialization II
*ART	Studio Elective	3	ECO 200	Survey of Economics OR
IGS 300	New Forms of Culture	3	POS 101	American Government
PSY 200	General Psychology OR		***IGS 301, 302, 303, or 304	
SOC 203	Prin. of Sociology	3	****Natural Science	
		<hr/> 18		<hr/> 16

**SENIOR YEAR**

SENIOR PART				Hours
Fall		Hours	Spring	
ART 400	Senior Seminar	1	ART 160	Art Symposium
ART	Art History Elective	3	**ART	Specialization I
**ART	Specialization I	3	**ART	Specialization II
**ART	Specialization II	3	*ART	Studio Elective
*ART	Studio Elective	3		Elective
	Elective	3		
		<hr/> 16		<hr/> 14

\*To be selected from ART 220, 240, 245, 305, 307, 310, 315, or 317.

\*\*Area of specialization may be in art history, ceramics, drawing, painting, photography, printmaking, sculpture, or weaving (300/400-level courses).

\*\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

\*\*\*\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

## MUSIC

The Area of Music offers two baccalaureate degree programs accredited by the National Association of Schools of Music (NASM): the Bachelor of Music in Performance and the Bachelor of Music Education. The Music Education degree coursework, which leads to teacher certification, is offered in conjunction with the Department of Education in the College of Applied Sciences. Interested students should refer to that section of this Catalogue for complete degree requirements.

A major in Music Performance requires the successful completion of the University's Liberal Studies Requirements, 82-83 semester credit hours of Music courses, and 9 semester credit hours of free elective courses. Students seeking admission into this program are required to perform a qualifying audition. Upon acceptance, students must select a concentrated area of study (on an instrument or in voice) in preparation for careers in music performance and studio teaching.

### Liberal Studies Requirements

Each music student must complete all University Liberal Studies Requirements except ART 130 (Introduction to Art) and MUS 130 (Introduction to Music).

### Music Placement and Proficiency Examinations

Placement examinations and auditions are given during registration week of the fall and spring semesters in music theory, piano, and applied music (principal instrument or voice) to all entering students intending to declare a major in Music. All prospective Music majors who do not pass the Music Theory Placement Examination must enroll in MUS 099 (Fundamentals of Music).

Music students with principal applied areas other than piano must demonstrate proficiency on the Piano Placement Examination during their first semester of matriculation. All Performance and Music Education majors who do not pass the Piano Placement Examination must enroll in the class piano sequence (MUS 110, 111, 210, and 211) until successful completion of the placement examination, at which time they may matriculate in the required music minor applied piano sequence (MUS 120, 220, 320, and 420) for a total of 4 semester credit hours. Additionally, during matriculation through the minor applied piano sequence, students must demonstrate sufficient knowledge and piano skills by successfully completing the Piano Proficiency Examination.

### Major Areas of Performance

Each music student is required to designate a principal performance area of major applied music study and

must enroll in the performance area each semester for credit until recital requirements are completed. Students may also earn credit in secondary performance areas (minor applied). Changes in the principal applied music area or degree program may be made only with the consent of the Music faculty.

The semester credit hour requirements for applied music courses vary, depending upon the music degree program in which the student is enrolled. Each student enrolled in an applied music course is expected to practice at least one hour per day for each semester credit hour being earned. All Performance majors are required to complete 21 semester credit hours of major applied music courses (MUS 161, 162, 261, 262, 361, 362, 461, and 462) as well as register for Applied Music Laboratory, in conjunction with major applied studies each semester.

Performance majors with instrumental emphasis are required to complete 3 semester credit hours of minor applied elective courses (MUS 120, 220, 320, or 420) in addition to 12 semester credit hours of ensemble participation. Instrumental ensemble requirements are 4 semester credit hours of MUS 385 (Wind Ensemble) or MUS 382 (Concert Band), 4 semester credit hours in the appropriate instrumental chamber music ensemble (MUS 387-Woodwind, MUS 355-Brass, or MUS 389-Percussion), 1 semester credit hour of MUS 355 (Jazz Ensemble), 1 semester credit hour of MUS 358 (Instrumental Commercial Music Ensemble), and 2 semester credit hours of MUS 381 (Marching Band).

Performance Majors with vocal emphasis are required to complete 1 semester credit hour of MUS 336 (Phonetics and Diction) and 2 semester credit hours of minor applied elective courses (MUS 120, 220, 320, or 420), in addition to 12 semester credit hours of ensemble participation. Vocal ensemble requirements are 4 semester credit hours of MUS 311 (Opera Workshop), 1 semester credit hour of MUS 357 (Vocal Commercial Music Ensemble), 3 semester credit hours of MUS 383 (Small Vocal Ensemble), and 4 semester credit hours of MUS 386 (Concert Choir).

Students may elect to repeat any ensemble course as a part of their 9 semester credit hours of free electives. Additionally, all Performance majors must register and complete MUE 341 (String Pedagogy), MUE 342 (Voice Pedagogy), and MUE 348 (Band Pedagogy). Only keyboard performance majors are required to register for MUE 349 (Keyboard Pedagogy).

### Music Seminars, Juries, and Recitals

The Area of Music at Kentucky State University realizes that student recitals are an integral part of the music educational process and is committed to the highest possible standards in all such performances.



Regular attendance at seminars, concerts, and recitals sponsored by the Area of Music is required as part of the laboratory experiences of applied music instruction. Therefore, all music majors must register for applied studies each semester. Attendance records are kept by faculty members.

Students majoring in music must perform on a jury at the end of each semester except when preparing for the senior recital and are evaluated in their performance area by the Music faculty. Evaluations are used to determine satisfactory progress in applied music study.

All Music majors performing recitals must enroll for credit in and pass a recital hearing approved by the Faculty Jury/Recital Committee. This hearing must be given a minimum of four weeks prior to the scheduled recital. Music Performance majors are required to perform a Junior Recital (MUS 399) and a Senior Recital (MUS 499).

The Area further realizes that students will matriculate through its applied music sequence who do not choose the option of majoring in music. These students may opt to perform either a junior or senior recital as evidence of the progress which has been made as a result of such applied music instruction. Although students may be non-majors, standards and requirements are no less stringent and all such recitals must be sanctioned by the Department of Music. Furthermore, all non-majors performing recitals must enroll for credit in and pass a recital hearing approved by the AREA FACULTY JURY. This hearing must be given a minimum of four weeks prior to the scheduled recital depending upon the applied music level. Non-majors must register for either the Junior Recital (MUS 399) or a Senior Recital (MUS 499) course and are prohibited from performing any such recital during the Freshman or Sophomore level applied music instruction.

#### Support Courses in Music

Music theory is the basis and foundation of any serious study of music. Kentucky State University's music theory program is competency-based, including an intensive study of analysis, composition, sight-singing, ear training (dictation and critical listening), and keyboard instruction as related to theory. The music theory program is organized in an historical sequence and students are required to complete a total of 16 semester credit hours of courses in this area (MUS 101,

102, 201, 202, 301, and 303). Additional requirements are the music history and literature sequence (MUS 321, 322, 324, 326, and 327); the conducting sequence (MUE 353-Choral Conducting and MUE 354-Instrumental Conducting); 2 semester credit hours of a limited Music elective; and 3 semester credit hours of a performance literature elective, for a total of 37 semester credit hours of support courses in Music.

#### Music Theory Laboratory

The purpose of Music Theory Laboratory is to reinforce class instruction in music theory courses (MUS 101, MUS 102, MUS 201, and MUS 202), enabling each student, through working with tape-recorded listening exercises, to develop basic music theory competencies. Specific competencies to be mastered include aural recognition of musical intervals, modes, scales, triads, rhythmic and metric patterns; one- to four-part dictation (harmonic and contrapuntal); and basic analytical skills. Competency assessments in the areas of sight-singing, ear training (dictation), analysis, keyboard theory, and critical listening are administered to each student during and at the end of each course in the freshman and sophomore theory sequence. Students are not permitted to advance to the next music theory course without having first mastered the required competencies.

#### Minor in Music Performance

The requirements for a minor in Music Performance are MUS 101 and 102 (Music Theory); MUS 321 and 322 (Music History); 2 semester credit hours of minor applied piano; MUS 120, 220, 320, and 420 (Minor Applied elective); and 3 semester credit hours in music ensemble courses, for a total of 21 semester credit hours. Although not required, it is recommended that students who choose to minor in Music Performance elect MUS 130 (Introduction to Music) as their Liberal Studies Requirements elective in fine arts.

#### Area Advisors

Each student who declares an intent to major in either of the baccalaureate degree programs in Music will be assigned an advisor. The advisor will assist the student in registering and in planning an appropriate academic program. Advisors will periodically notify students of their academic progress toward completion of degree requirements.

### Suggested Curriculum BACHELOR OF MUSIC IN PERFORMANCE (Instrumental Option) Total Hours: 141-142

#### FRESHMAN YEAR

Fall	Hours	Spring	Hours
BIO 101 Life Science	3	ENG 102 English Composition II	3
ENG 101 English Composition I	3	HIS 103 Western Civilization	3
MAT 110 Interm. Algebra or above	3	MUS 102 Music Theory 1450-1650	3
MUS 101 Music Theory to 1450	3	MUS 162 Major Applied II/Lab	2
*MUS 120 Minor Applied (Piano)	1	*MUS 220 Minor Applied (Piano)	1
MUS 161 Major Applied I/Lab	2	MUS 382 Concert Band OR	
MUS 381 Marching Band	1	MUS 385 Wind Ensemble	1
	16	**Natural Science	3
			16

#### SOPHOMORE YEAR

Fall	Hours	Spring	Hours
ENG 211 Intro. to Literature	3	HED 221 Personal Health/Fitness OR	
IGS 200 Found. of Western Culture	3	PHE P. E. Activity Courses	2
MUS 201 Music Theory 1650-1820	3	IGS 201 Conver/Reshape/Cultures	3
MUS 261 Major Applied III/Lab	2	MUS 202 Music Theory 1820-1900	3
*MUS 320 Minor Applied (Piano)	1	MUS 262 Major Applied IV/Lab	2
MUS 381 Marching Band	1	MUS 382 Concert Band OR	
SPE 103 Interpersonal Commun. Foreign Language	3	MUS 385 Wind Ensemble	1
	3	*MUS 420 Minor Applied (Piano)	1
	19	PSY 200 General Psychology OR	
		SOC 203 Prin. of Sociology	3
		Foreign Language	3
			18

#### JUNIOR YEAR

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	****IGS 301, 302, 303, or 304	3
MUE 341 String Pedagogy	1	MUE 353 Choral Conducting	1
MUS 348 Band Pedagogy	1	MUS 322 Music History 1685-1900	3
MUS 301 Form and Analysis	2	MUS 327 Music Lit. 1685-1900	3
MUS 321 Music History to 1685	3	MUS 362 Major Applied VI/Lab	3
MUS 326 Music Lit. to 1685	3	MUS 382 Concert Band OR	
MUS 361 Major Applied V/Lab	3	MUS 385 Wind Ensemble	1
***MUS Chamber Ensemble	1	MUS 399 Junior Recital	1
MUS Minor Applied Elective	1	***MUS Chamber Ensemble	1
	18	#MUS Elective	2
			18



SENIOR YEAR				Hours	
Fall		Hours	Spring	Hours	
MUE 342	Voice Pedagogy	1	MUS 324	20th Century Music	2
##MUE 349	Keyboard Pedagogy	1	MUS 382	Concert Band OR	
MUE 354	Inst. Conducting	1	MUS 385	Wind Ensemble	1
MUS 303	Orchestration	2	MUS 462	Major Applied VIII/Lab	3
MUS 328	Piano Literature OR		MUS 499	Senior Recital	1
MUS 329	Vocal Literature OR		***MUS	Chamber Ensemble	1
MUS 330	Inst. Literature	3	MUS	Minor Applied Elective	1
MUS 355	Jazz Ensemble	1		Electives	9
MUS 358	Inst. Comm. Mus. Ens.	1			18
MUS 461	Major Applied VII/Lab	4			
***MUS	Chamber Ensemble	1			
MUS	Minor Applied Elective	1			
POS 101	American Government OR				
ECO 200	Survey of Economics	3			
		18-19			

\*Piano majors will select an appropriate vocal or instrumental minor applied based on their interest and levels of proficiency.  
\*\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.  
\*\*\*Students are required to enroll in the appropriate Instrumental Chamber Music Ensemble (MUS 387-Woodwind, MUS 388-Brass, or MUS 389-Percussion).  
\*\*\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)  
#Must be taken from the Music Theory, Composition, or Arranging sequences.  
##Any music performance student whose applied area is piano or organ must also take MUE 349 (Keyboard Pedagogy).

Suggested Curriculum  
BACHELOR OF MUSIC IN PERFORMANCE  
(Vocal Option)  
Total Hours: 141

FRESHMAN YEAR				Hours	
Fall		Hours	Spring	Hours	
BIO 101	Life Science	3	ENG 102	English Composition II	3
ENG 101	English Composition I	3	HIS 103	Western Civilization	3
MAT 110	Interm. Algebra or above	3	MUS 102	Music Theory 1450-1650	3
MUS 101	Music Theory to 1450	3	MUS 162	Major Applied II/Lab	2
*MUS 120	Minor Applied (Piano)	1	*MUS 220	Minor Applied (Piano)	1
MUS 161	Major Applied I/Lab	2	MUS 386	Concert Choir	1
MUS 386	Concert Choir	1		**Natural Science	3
		16			16

SOPHOMORE YEAR				Hours	
Fall		Hours	Spring	Hours	
ENG 211	Intro. to Literature	3	HED 221	Personal Health/Fitness OR	
IGS 200	Found. of Western Culture	3	PHE	P. E. Activity Courses	2
MUS 201	Music Theory 1650-1820	3	IGS 201	Converg/Reshape/Cultures	3
MUS 261	Major Applied III/Lab	2	MUS 202	Music Theory 1820-1900	3
*MUS 320	Minor Applied (Piano)	1	MUS 262	Major Applied IV/Lab	2
MUS 386	Concert Choir	1	MUS 386	Concert Choir	1
SPE 103	Interpersonal Commun. Foreign Language	3	*MUS 420	Minor Applied (Piano)	1
		3	PSY 200	General Psychology OR	
		19	SOC 203	Prin. of Sociology Foreign Language	3
					18

JUNIOR YEAR				Hours	
Fall		Hours	Spring	Hours	
IGS 300	New Forms of Culture	3	***IGS 301, 302, 303, or 304		3
MUE 341	String Pedagogy	1	MUE 353	Choral Conducting	1
MUE 348	Band Pedagogy	1	MUS 311	Opera Workshop	1
MUS 301	Form and Analysis	2	MUS 322	Music History 1685-1900	3
MUS 311	Opera Workshop	1	MUS 327	Music Lit. 1685-1900	3
MUS 321	Music History to 1685	3	MUS 362	Major Applied VI/Lab	3
MUS 326	Music Lit. to 1685	3	MUS 383	Small Vocal Ensemble	1
MUS 336	Phonetics and Diction	1	MUS 399	Junior Recital	1
MUS 361	Major Applied V/Lab	3	#MUS	Music Elective	2
		18			18



		SENIOR YEAR		Hours
Fall		Hours	Spring	
MUE 342	Voice Pedagogy	1	MUS 311	Opera Workshop
MUE 354	Inst. Conducting	1	MUS 324	20th Century Music
MUS 303	Orchestration	2	MUS 357	Voc. Comm. Mus. Ens.
MUS 311	Opera Workshop	1	MUS 383	Small Vocal Ensemble
MUS 328	Piano Literature OR		MUS 462	Major Applied VIII/Lab
MUS 329	Vocal Literature OR		MUS 499	Senior Recital
MUS 330	Inst. Literature	3	MUS	Minor Applied Elective
MUS 383	Small Vocal Ensemble	1		Electives
MUS 461	Major Applied VII/Lab	4		
MUS	Minor Applied Elective	1		
POS 101	American Government OR			
ECO 200	Survey of Economics	3		
		<hr/> 17		<hr/> 19

\*Piano majors will select an appropriate vocal or instrumental minor applied based on their interest and levels of proficiency.  
 \*\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

#Must be taken from the Music Theory, Composition, or Arranging sequences.

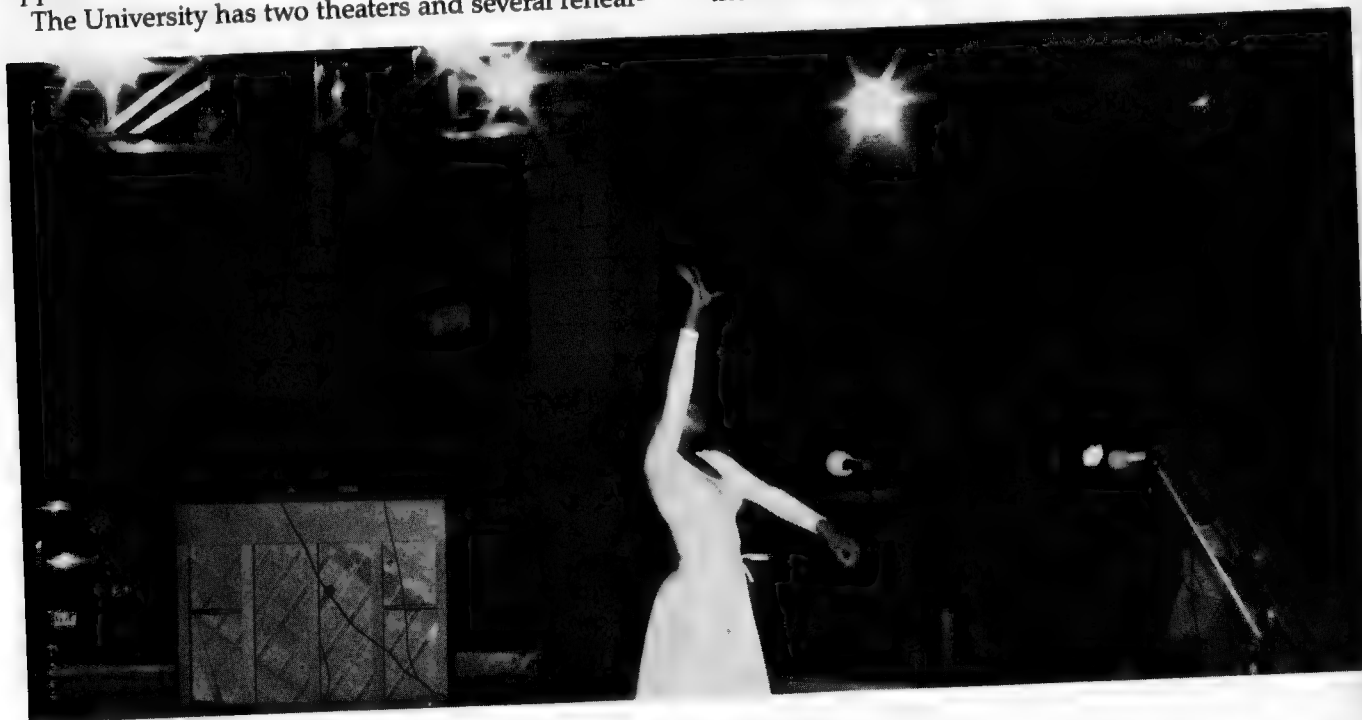
## SPEECH, COMMUNICATION, AND THEATRE

The Area of Speech, Communication, and Theatre seeks to develop an awareness of the methods and techniques necessary for the continual improvement of human communication as a social and professional tool. Courses are designed to help students understand the methods and techniques used by the media systems and to assist students in their understanding and appreciation of cultural heritages.

The University has two theaters and several rehearsal

rooms for classes and private practice, which serve as laboratories for instruction and facilities for University-sponsored theatrical productions.

A minor in Speech and Theatre requires completion of 21 semester credit hours. The requirements are SPE 200 and 315; and THE 204 and 210. Nine additional semester credit hours in 300/400-level courses in Speech, Communication, or Theatre complete the minor. Approval of the area advisor is necessary for the selection of these electives.



# THE DIVISION OF HEALTH, PHYSICAL EDUCATION, AND RECREATION



The Division of Health, Physical Education, and Recreation prepares students to direct programs in Recreation, Sports Management, or Athletic Training and/or to teach Physical Education in the public school system or for further study at the graduate level in these and related fields. The Division also provides numerous and diverse opportunities for students, faculty, and staff at Kentucky State University to achieve physical fitness and to acquire recreational skills for lifetime learning and leisure through the 100-level basic Physical Education activities courses.

The Division offers the Bachelor of Arts degree in Physical Education (non-teaching) and the Bachelor of Science degree in Physical Education which leads to Teacher Certification. A student may elect either option. Details of the Teacher Certification Program and the Health Education minor may be found elsewhere in this Catalogue in the Department of Education subsection of the College of Applied Sciences section.

## PHYSICAL EDUCATION

Employment opportunities for Physical Education majors extend beyond teaching and coaching. Physical Education majors today have begun to consider alternative ways of using their education. As a result of the tremendous surge of public interest in sports and physical activity, alternative career opportunities for Physical Education graduates are increasing. These

alternative career possibilities include health related occupations, sports administration, sports communication, sports marketing, and physical activity instruction.

To earn the Bachelor of Arts degree in Physical Education (non-teaching), a student must complete a minimum of 129 semester credit hours. The required courses are HED 107 and 221; PHE 218, 240 or 351, 257, 259, 320, 323, 324, 330, 331, 332, 333, 355, 401, and 421; BIO 301; BUA 200; and EDU 221. In addition, the student must complete two courses from each of the following: PHE 201, 202, 203, 204, or 205; and PHE 210, 211, 212, or 213. Major and support courses total 52 semester credit hours. A minor field of study, selected from the minors listed below, is required of non-teaching Physical Education majors.

## Minors and Endorsements

The Division offers minors in three areas and an endorsement in one area. Minors are available in Athletic Training, Recreation, and Sports Management. An endorsement is available in Athletic Coaching.

A minor in Athletic Training requires the completion of 21 semester credit hours. Specific course requirements include BIO 210; BIO 303; CHE 102; FNU 104; and PHE 423, 424, and 425. Successful completion of the coursework for the minor provides the foundation for possible certification as an athletic trainer by the National Athletic Trainers Association and state licensure in the Commonwealth of Kentucky.

A minor in Recreation requires the completion of 21 semester credit hours. Specific course requirements include ART 102; and REC 101, 201, 322, 364, 390, and 400.

A minor in Sports Management requires the completion of 21 semester credit hours. Specific course requirements include REC 101 and 400; ACC 261; ECO 211; MGT 323; and MKT 351 and 410.

An endorsement in Athletic Coaching requires the completion of 16 semester credit hours and is available to all baccalaureate degree-seeking students, excluding Physical Education majors. Physical Education majors complete the Athletic Coaching endorsement as part of their degree requirements. The purpose of the endorsement in Athletic Coaching is to suitably prepare students with training, knowledge, and experiences to enhance their professionalism and marketability for the coaching profession. Specific course requirements include PHE 324, 330, 331, 333, and 380.



# Suggested Curriculum BACHELOR OF ARTS IN PHYSICAL EDUCATION

Non-teaching  
(Minor Required)  
Total Hours: 129-135

## FRESHMAN YEAR

	Hours	Spring	Hours
Fall	4	ART 130 Intro. to Art OR	3
*BIO 111 Prin. of Biology	3	MUS 130 Intro. to Music	
ENG 101 English Composition I	3	ECO 200 Survey of Economics OR	3
HIS 103 Western Civilization	3	POS 101 American Government	3
MAT 110 Interm. Algebra or above	3	ENG 102 English Composition II	2
Foreign Language	3	HED 107 First Aid and Safety	3
	16	SPE 103 Interpersonal Commun.	3
		Foreign Language	17

## SOPHOMORE YEAR

	Hours	Spring	Hours
Fall	3	HED 221 Personal Health/Fitness	2
BIO 301 Human Anatomy		IGS 201 Converge/Reshape/Cultures	3
*CHE 101 General Chemistry I OR		PHE 218 Body Cond./Physical Fitness	1
*PHS 201 Physical Sciences I OR	3-4	PHE 259 Movement/Gym Activities	2
*PHY 111 Intro. to Physics	3	**PHE Individual Sports Elective	1
ENG 211 Intro. to Literature	3	Minor Courses	6-7
IGS 200 Found. of Western Culture			15-16
PHE 257 Elementary Rhythmic and Dance Activities	2		
PSY 200 General Psychology	3		
	17-18		

## JUNIOR YEAR

	Hours	Spring	Hours
Fall		BUA 200 Computer Appl. Bus.	3
EDU 221 Human Growth: Life Span Development	3	***IGS 301, 302, 303, or 304	3
IGS 300 New Forms of Culture	3	PHE 240 Intermediate Swimming OR	1-2
PHE 324 Prev. and Care Ath. Inj.	3	PHE 351 Lifeguard Training	3
**PHE Individual Sports Elective	1	PHE 323 Prin. of Physical Ed.	1
**PHE Team Sports Elective	1	**PHE Team Sports Elective	6-7
Minor Course	3	Minor Courses 300/400-level	
Elective	3		17-19
	17		

## SENIOR YEAR

	Hours	Spring	Hours
Fall			
PHE 331 Kinesiology/Biomechanics	4	PHE 320 Adapted Physical Ed.	3
PHE 333 Psych/Socio Aspects of Sports	3	PHE 330 Physiology of Exercise	4
PHE 401 Test and Measurements for Health and P.E.	3	PHE 332 Motor Develop./Motor Learn.	3
PHE 421 Org. and Admin. of H.P.E.	3	Minor Course	2-3
Minor Course	2-3	Elective	3
	15-16		15-16

\*Satisfies the Liberal Studies Requirement for Natural Sciences.

\*\*Students must complete two courses from each of the following: Team Sports Electives: PHE 201, 202, 203, 204, or 205; and Individual Sports Electives: PHE 210, 211, 212, or 213.

\*\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

## MILITARY SCIENCE PROGRAM

The Military Science Program is open to both men and women and follows a general military science curriculum. The program is normally four years in length; however, it may be completed in two years if a student has had prior military service or has completed three or more years of Junior ROTC or MLS 203. The primary objective of the Military Science Program, which is offered as an elective at Kentucky State University, is to provide junior officers for all branches of the active United States Army, the Army Reserve, and the Army National Guard Programs.

The normal four-year program consists of the successful completion of 25 semester credit hours of Army ROTC coursework. Students who complete the program may be commissioned as second lieutenants in the United States Army. The requirements are MLS 101, 102, 201, 202, 301, 302, 303, 341, and 342. An alternative two-year program is available for students who have at least two academic years remaining until graduation and have not completed the 100- or 200-level courses. Under certain conditions, veterans and students who have participated in Junior ROTC for three years in high school are also eligible to complete the program in a two-year period. All students are required to complete MLS 203, 301, 302, 303, 341, and 342.

The basic courses are orientational in content and deal with introductory military and leadership skills, small unit tactics, military history, map reading, and civil-military relations. No military obligation is incurred by the completion of these courses.

The advanced courses focus on leadership, management, military skills, and command/staff responsibilities within military organizations and prepare students for their prospective roles as junior officers in the United States Army. All advanced-course students are eligible to receive \$100 per month, for up to 10 months of the school year and a military obligation is incurred. In addition, students are paid for each summer they attend and complete the Basic Camp and/or the Advanced Camp.

## Aerospace Studies

Since 1978, Kentucky State University and the University of Kentucky have had an agreement whereby qualified Kentucky State University students may enroll in Air Force ROTC courses offered at the University of Kentucky in Lexington, Kentucky. Any student wishing to apply should contact the Professor of Aerospace Studies, University of Kentucky, Lexington, Kentucky, 40506-0028 as early as possible but no later than February of his/her sophomore year in college.



# THE DIVISION OF LITERATURE, LANGUAGES, AND PHILOSOPHY

Every culture expresses its most profound values and concerns in the form of stories, songs, historical narratives, dramatic rituals, lyrical expressions, and imaginative statements.

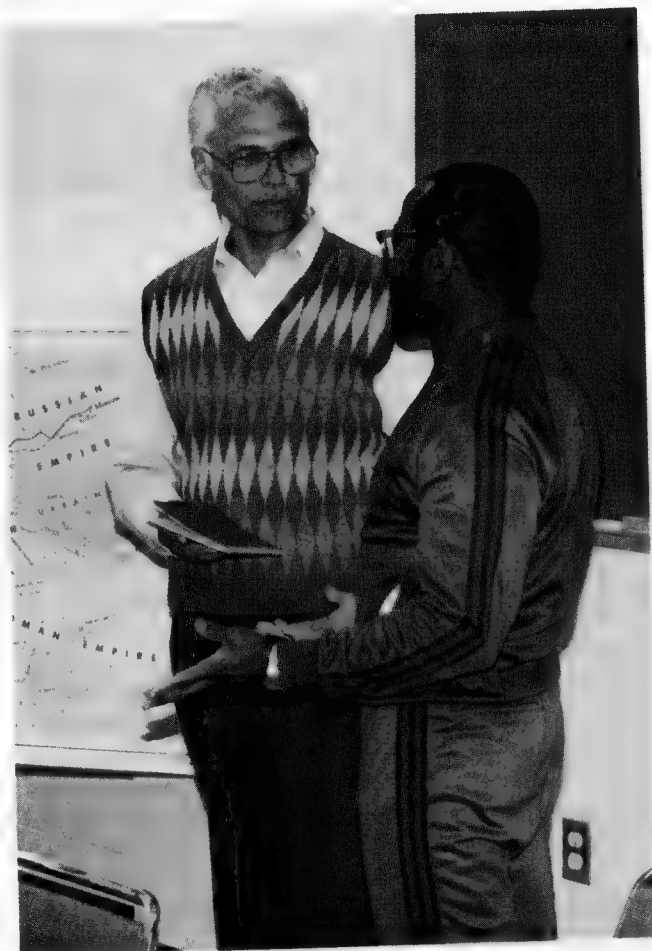
"Syllables govern the world" — so wrote the 17th century critic and man of letters John Selden. And indeed, the study of literature includes not only works of the imagination but the whole of our written heritage. It includes the political writings of the Federalist Papers and the urgent speeches of Frederick Douglass. It includes historical works such as Gibbon's *Decline and Fall of the Roman Empire* and the philosophical works of Descartes and John Stuart Mill. It includes the artful imaginings of poets, Romantic and otherwise, and the prose of scientific investigators like Lavoisier or Neils Bohr. Literature includes every form of verbal expression that is valued not simply for the significance of its ideas, but for the particular and diverse ways in which those ideas are expressed.

In this tradition, Kentucky State University's Division of Literature, Languages, and Philosophy offers coursework in periods of literature, in composition and linguistics, on individual authors and genres, in foreign languages, and in philosophy. The Division offers the Bachelor of Arts degree in English and certification in English Education. Details of the latter may be found in the subsection of this Catalogue on the Department of Education in the College of Applied Sciences section.

Academic minors are offered in English, French, Spanish, and Philosophy; and courses are offered in German. Every course offered by the faculty of the Division emphasizes extensive writing, and students are encouraged to take an active part in classroom discussion. Coursework in foreign languages emphasizes written and spoken communication skills, and efforts are made to confront students with the complex relationships that exist between literary traditions and the historical and cultural contexts out of which these traditions arise. Coursework in philosophy addresses fundamental questions about the nature and possibility of knowledge, problems of ethics, questions about the nature of reality, and issues that arise in the making and criticism of works of art.

## ENGLISH

Students who have earned below a grade of "C" in any English course will not be permitted to major or minor in English. Further, each student must have the approval of the Chairperson of the Division of Literature, Languages, and Philosophy before officially



being accepted as a major or minor in English. To graduate from the program, each student must complete a comprehensive English examination, which is given in the senior year.

### Major in English With a Dual Major

To satisfy the requirements for the Bachelor of Arts degree in English with a dual major, students must complete a total of 128 semester credit hours with a minimum of 36 semester credit hours in English coursework. These semester credit hours must include ENG 213, 312, 322, 323, 324, 325, 337 or 341, 410, and 411; at least 9 semester credit hours of electives from English courses at the 300/400-level; at least 30 semester credit hours in the second academic major; and 9 semester credit hours of free electives.

### Major in English Without a Minor

To satisfy the requirements for the Bachelor of Arts degree in English without a minor, students must complete a total of 128 semester credit hours with a minimum of 36 semester credit hours in English coursework. These semester credit hours must include ENG 213, 312, 322, 323, 324, 325, 337 or 341, 410, and 411; at least 9 semester credit hours of English electives at the 300/400-level; and 39 semester credit hours of electives in related fields, including at least 6 semester credit hours at the 300/400-level.

### Major in English With a Minor

To satisfy the requirements for the Bachelor of Arts degree in English with a minor outside English, a student must complete a total of 128 semester credit hours with a minimum of 36 semester credit hours in English coursework. These semester credit hours must include ENG 213, 312, 322, 323, 324, 325, 337 or 341, 410, and 411; at least 9 semester credit hours of English electives at the 300/400-level; at least 18 semester credit hours in a minor outside of English, 18 semester credit hours of electives, and 3 additional semester credit hours of minor or elective courses. A total of 45 semester credit hours at the 300/400-level are required for graduation.

### Minor in English

A total of 21 semester credit hours in English is required for this minor. Requirements are ENG 213, 312,

322 or 323, 324 or 325, 410, and 411; and 3 semester credit hours selected from any English course at the 300/400-level. These requirements are in addition to ENG 101, 102, and 211.

### Student Competencies

To receive a Bachelor of Arts degree in English or a minor in English, students must be able to

- express themselves effectively in written English
- think critically and analytically
- demonstrate knowledge of literature representing a variety of literary forms and periods
- demonstrate knowledge of the fundamentals of literary analysis
- demonstrate general knowledge of the history of the English language and linguistic theories
- demonstrate knowledge of research techniques and use of the library.

### The Communication Skills Center

University students who need assistance in reading, writing, and study skills may avail themselves of the one-on-one and small-group instruction provided in the Communication Skills Center. In addition, computer-aided instruction in word processing, reading, writing mechanics, and composition organizational strategies (critical thinking) are also available.





Suggested Curriculum  
BACHELOR OF ARTS IN ENGLISH WITH DUAL MAJOR  
Total Hours: 128

FRESHMAN YEAR					
Fall		Hours	Spring		Hours
BIO 101	Life Science	3	ART 130	Intro. to Art OR	
ENG 101	English Composition I	3	MUS 130	Intro. to Music	3
MAT 110	Interm. Algebra or above	3	ENG 102	English Composition II	3
SPE 103	Interpersonal Commun.	3	HIS 103	Western Civilization	3
	Foreign Language	3		Foreign Language	3
		<hr/> 15		*Natural Science	<hr/> 3
					<hr/> 15

SOPHOMORE YEAR					
Fall		Hours	Spring		Hours
ENG 211	Intro. to Literature	3	ECO 200	Survey of Economics OR	
HED 221	Personal Health/Fitness OR		POS 101	American Government	3
PHE	P. E. Activity Courses	2	ENG 213	Advanced Composition	3
IGS 200	Found. of Western Culture	3	IGS 201	Converg/Reshape/Cultures	3
PSY 200	General Psychology OR			Elective	3
SOC 203	Prin. of Sociology	3		Second Major Course	3
	Electives	6			15
		17			

JUNIOR YEAR					Hours
Fall		Hours	Spring		Hours
ENG 312	World Literature	3	ENG 323	Survey British Lit. II	3
ENG 322	Survey British Lit. I	3	ENG 325	Survey American Lit. II	3
ENG 324	Survey American Lit. I	3	ENG 337	American Novel OR	3
IGS 300	Survey American Lit. II	3	ENG 341	English Novel	3
	New Forms of Culture	3	**IGS 301, 302, 303, or 304		3
	Second Major Course	3		Second Major Courses	6
		<hr/> 15			<hr/> 15

SENIOR YEAR				Hours
Fall		Hours	Spring	
ENG 410	Linguistics	3	ENG 411	Shakespeare
ENG	Electives 300/400-level	6	ENG	Electives 300/400-level
	Second Major Courses	6		Second Major Courses
		<hr/>		<hr/>
		15		1

\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.  
\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

Suggested Curriculum  
BACHELOR OF ARTS IN ENGLISH WITHOUT A MINOR  
Total Hours: 128

FRESHMAN YEAR					
Fall		Hours	Spring		Hours
BIO 101	Life Science	3	ART 130	Intro. to Art OR	
ENG 101	English Composition I	3	MUS 130	Intro. to Music	3
MAT 110	Interm. Algebra or above	3	ENG 102	English Composition II	3
SPE 103	Interpersonal Commun.	3	HIS 103	Western Civilization	3
	Foreign Language	3		Foreign Language	3
		<hr/> 15		*Natural Science	<hr/> 3
					<hr/> 15

SOPHOMORE YEAR					
Fall		Hours	Spring		Hours
ENG 211	Intro. to Literature	3	ECO 200	Survey of Economics OR	
HED 221	Personal Health/Fitness OR		POS 101	American Government	3
PHE	P. E. Activity Courses	2	ENG 213	Advanced Composition	3
IGS 200	Found. of Western Culture	3	IGS 201	Converg/Reshape/Cultures	3
PSY 200	General Psychology OR			Electives	6
SOC 203	Prin. of Sociology	3			
	Electives	6			
		<hr/> 17			<hr/> 15

JUNIOR YEAR					
Fall		Hours	Spring		Hours
ENG 312	World Literature	3	ENG 323	Survey British Lit. II	3
ENG 322	Survey British Lit. I	3	ENG 325	Survey American Lit. II	3
ENG 324	Survey American Lit. I	3	ENG 337	American Novel OR	
IGS 300	New Forms of Culture	3	ENG 341	English Novel	3
	Electives	6	**IGS 301, 302, 303, or 304		3
		<hr/> 18	Electives		<hr/> 6
					<hr/> 18

SENIOR YEAR					
Fall		Hours	Spring		Hours
ENG 410	Linguistics	3	ENG 411	Shakespeare	3
ENG	Electives 300/400-level	6	ENG	Electives 300/400-level	3
	Electives 300/400-level	6		Electives	9
		<hr/>			<hr/>
		15			15

\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.  
\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)



**Suggested Curriculum**  
**BACHELOR OF ARTS IN ENGLISH WITH A MINOR**  
**Total Hours: 128**

**FRESHMAN YEAR**

FRESHMAN YEAR					Hours
Fall		Hours	Spring		Hours
BIO 101	Life Science	3	ART 130	Intro. to Art OR	3
ENG 101	English Composition I	3	MUS 130	Intro. to Music	3
MAT 110	Interm. Algebra or above	3	ENG 102	English Composition II	3
SPE 103	Interpersonal Commun.	3	HIS 103	Western Civilization	3
	Foreign Language	3		Foreign Language	3
		<hr/> 15		*Natural Science	<hr/> 3
					15

**SOPHOMORE YEAR**

SOPHOMORE YEAR					Hours
Fall		Hours	Spring		Hours
ENG 211	Intro. to Literature	3	ECO 200	Survey of Economics OR	3
HED 221	Personal Health/Fitness OR		POS 101	American Government	3
PHE	P. E. Activity Courses	2	ENG 213	Advanced Composition	3
IGS 200	Found. of Western Culture	3	IGS 201	Converg/Reshape/Cultures	6
PSY 200	General Psychology OR			Electives	
SOC 203	Prin. of Sociology	3			15
	Electives	6			
		17			

**JUNIOR YEAR**

JUNIOR YEAR				Hours	
Fall		Hours	Spring		
ENG 312	World Literature	3	ENG 323	Survey British Lit. II	3
ENG 322	Survey British Lit. I	3	ENG 325	Survey American Lit. II	3
ENG 324	Survey American Lit. I	3	ENG 337	American Novel OR	3
IGS 300	New Forms of Culture	3	ENG 341	English Novel	3
	Minor Courses	6	**IGS 301, 302, 303, or 304		6
		<hr/> 18	Minor Courses		<hr/> 18

**SENIOR YEAR**

SENIOR YEAR				Hours
Fall		Hours	Spring	
ENG 410	Linguistics	3	ENG 411	Shakespeare
ENG	Electives 300/400-level	6	ENG	Electives 300/400-level
	***Minor Courses	6		***Electives
		<hr/>		Elective or Minor Course
		15		<hr/>
				15

\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.  
 \*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)  
 \*\*\*Six semester credit hours of electives or minor courses must be selected at the 300/400-level.

**MODERN FOREIGN LANGUAGES**

Coursework in French, Spanish, and German is offered by members of the faculty of the Division of Literature, Languages, and Philosophy. Coursework in foreign languages emphasizes instruction in the fundamentals of syntax, pronunciation, and idiomatic expressions. There is a four-way approach to teaching the foreign language (listening/comprehension, conversation, reading, and writing). Instruction takes place in both the classroom and the foreign language laboratory where students practice speaking and pronunciation and where they watch video material, films, or documentaries in the foreign language they study. Intermediate and upper-level courses stress the acquisition of communicative skills and cultural or literary information.

Students who pursue a baccalaureate degree are required to complete 6 semester credit hours of a foreign language (101 and 102) as part of the Liberal Studies Requirements, or to demonstrate elementary knowledge in a foreign language by making the necessary score on a College Level Examination Program (CLEP) examination or Advanced Placement Program examination. (See the Catalogue section on Admission to the University.)

The elementary courses 101, 102, 201, 202, 203, and 204 in both French and Spanish must be taken in sequence. Elementary courses (FRE 101/102 and SPA 101/102) are scheduled every semester. Elementary German courses (GER 101/102) are offered upon request by a sufficient number of interested students.

**Minor in a Modern Foreign Language**

Students may satisfy requirements for an academic minor in either French or Spanish. For a minor in a foreign language, a student must complete a minimum of 18 semester credit hours in either language above the 100-level.

A student minoring in Spanish should complete the following courses in sequence: SPA 201, 202, 203, and 204; and two courses from the following options: SPA 301 and 302, or SPA 311 and 312, or SPA 403 and 404.

A student minoring in French should complete the following courses in sequence: FRE 201, 202, 203, and 204; and two courses from the following options: FRE 301 and 302, or FRE 311 and 312, or FRE 313 and 322.

**PHILOSOPHY**

The academic study of philosophy is an important part of a liberal studies institution. Accordingly, Kentucky State University offers a minor in philosophy through the Division of Literature, Languages, and Philosophy.

While the study of philosophy can benefit any student, the minor is especially recommended for the following kinds of students: (a) students pursuing a pre-law curriculum, (b) nursing students and other prospective pre-health/medical professionals, (c) computer science majors, (d) majors in the humanities, (e) students in the Whitney M. Young, Jr. College of Leadership Studies, (f) students desiring to prepare for and excel in the Integrative Studies (IGS) sequence, and (g) students with interest in careers in theological school and religious professions.

The Philosophy Program at Kentucky State University offers courses in a variety of basic and specialized philosophical disciplines. The main thrusts of the program are the development of analytical and critical reasoning skills and focus upon evaluating arguments for and against important contemporary and classical philosophical proposals.

The Philosophy Program offers occasional colloquia featuring guest speakers and is closely tied to the Institute for Liberal Studies with its various scholarly and cultural activities.

**Minor in Philosophy**

To obtain the minor in Philosophy, a student must complete 18 semester credit hours of coursework. Specifically, the student must complete 9 semester credit hours of "basic" coursework: PHI 200, 210, and 310. The remaining 9 semester credit hours may be selected from the following: PHI 330, 390, 400, or 490.



# THE DIVISION OF MATHEMATICS AND SCIENCES

Inquiry into the nature of physical phenomena is among the most persistent of human concerns. During the past century, the scope and pace of such inquiry have broadened and accelerated, and its influence on our civilization has become pervasive. The discoveries and consequences of scientific inquiry have profoundly affected the human race — both in daily life and in practically all domains of intellectual life.

The Division of Mathematics and Sciences believes that an understanding of mathematics and the sciences is an indispensable part of a sound education. Coursework in the Division provides students with instruction that addresses fundamental issues in the broad range of scientific inquiry. The Division seeks to instill in students an appreciation of critical thinking as well as knowledge of specific subjects. Students who decide to major in one of the disciplines of the Division undertake specialized study and research in their selected fields.

The Division offers majors in Applied Mathematics, Biology, Chemistry, Mathematics, and Medical Technology. The major in Mathematics leads to a Bachelor of Arts degree, and the others lead to a Bachelor of Science degree. Minors are offered in Biology, Chemistry, Mathematics, and Physics. The degrees in Biology and Mathematics may be obtained with certification to teach in public secondary schools. (See the Department of Education section in this Catalogue for details on these certification programs.) The student majoring in Applied Mathematics pursues a five-year curriculum leading to two degrees: a Bachelor of Science degree in Engineering from the University of Kentucky, the University of Maryland at College Park, Vanderbilt University, or Florida A & M University, and a Bachelor of Science Degree in Applied Mathematics from Kentucky State University. More information about this program may be found in the subsection describing the Mathematics offerings or by contacting the Chairperson of the Division of Mathematics and Sciences.

The Division offers a curriculum leading to the Bachelor of Science degree in Medical Technology, as well as other programs related to the health professions. Students interested in medicine, dentistry, optometry, veterinary medicine, or other allied health fields should consult the Chairperson of the Division of Mathematics and Sciences or the Pre-Health Professions Advisors. The following section of this Catalogue describing Allied Health offerings also contains information relevant to these fields.

## ALLIED HEALTH AND PRE-HEALTH PROGRAMS

### Allied Health and Medical Technology

Allied health offerings at Kentucky State University include pre-physical therapy, pre-cytotechnology, pre-nuclear medicine technology, and pre-community health. For these programs, the Division offers coursework that prepares the student for admission to upper-level courses at a cooperating institution. Depending on the program, the cooperating institution at this time is either the School of Allied Health at the University of Louisville or the University of Kentucky School of Allied Health.

### Medical Technology

Medical Technology is closely related to Biology. The Medical Technology major receives classroom and laboratory training, as well as clinical experience, which qualifies him or her to seek careers or advanced training in microbiology, clinical chemistry, blood banking, or hematology. The medical technologist is frequently sought for positions in sales and research, human and animal health-care facilities, education, hospital administration, or industry.

In addition to fulfilling the University's Liberal Studies Requirements, including BIO 111 and CHE 101 instead of other natural science requirements, the Medical Technology major must complete BIO 109, 210, 302, 310, 403, 404, and 405; and 6-8 semester credit hours of electives selected from the following: BIO 301, 303, 307, or 309; CHE 203 or 314. The Medical Technology major must earn a "C" or above in the following required support courses: CHE 101, 102, 201, 202, and 315; MAT 120; and must complete 6 semester credit hours of free electives.

The Medical Technology curriculum combines a minimum of three years (112-114 semester credit hours) of work at Kentucky State University with one calendar year (36 semester credit hours) of clinical training at an accredited hospital school of medical technology. Total semester credit hours for the program are 148-150.

### Medicine and Dentistry

The Division offers uniquely attractive programs for Kentuckians entering medical or dental schools. The medical and dental schools of the University of Kentucky and the University of Louisville offer admission each year to a number of qualified Kentucky State University graduates not exceeding three percent of the professional schools' entering classes.

Kentucky State University students benefit from this arrangement because they compete for admission only with other qualified applicants from the University. No other college or university in Kentucky has been given this opportunity to establish such an advantageous program for its students.

The student must fulfill specific requirements to qualify for admission to a medical or dental school under this program. They include the following:

- Any major is acceptable, but students must complete at least one year of biology with laboratory, general chemistry, organic chemistry, one year of physics with laboratory, one year of college mathematics or one semester of calculus, one year of English, and other courses that will help assure success, such as those in advanced communication skills, logic or computer science, and psychology.
- A minimum grade-point average of 3.4 in all science courses and a minimum cumulative grade-point average of 3.4 are required for medical school. A minimum grade-point average of 3.0 in all science courses and a cumulative grade-point average of 3.0 are required for dental school.
- At least 24 out of 40 points on the non-academic portion of the Total Performance Index are required. These points are determined by the medical schools in the following categories, each of which has a possible 10 points: humanitarian, cultural, and service activities; letters of recommendation from pre-medical advisors and others; interpersonal, group leadership; under-represented minorities, special avocational, artistic, or other professional accomplishments, and residency in medically or dentally under-served areas of Kentucky.
- Students must take the Medical College Admission Test (MCAT) or Dental Admission Test (DAT) for reporting purposes; however, these examinations will not be used as admission criteria for students applying through the cooperative program.

Academic advisors at Kentucky State University work closely with pre-medical and pre-dental students to ensure that they fulfill all of the requirements for admission to professional schools.

Students desiring more information about these programs should consult the Chairperson of the Division

of Mathematics and Sciences or the Pre-Health Professions Advisors as early in their academic careers as possible.

### Veterinary Medicine

No colleges or universities in the Commonwealth of Kentucky offer training in veterinary medicine. However, the Kentucky Council on Higher Education administers a Southern Regional Education Board Program in Kentucky through which qualified Kentucky-resident students may be accepted to the veterinary medicine schools of Auburn University and Tuskegee University. (At the time of publication of this Catalogue, the Council had contracted for 36 entering spaces annually: 34 at Auburn, two at Tuskegee.)

Students accepted under the regional plan are relieved of the obligation of paying out-of-state fees, and their expenses are identical to those of in-state students.

Formal applications must be filed through the Council on Higher Education, which reviews these applications and submits those selected to Auburn or Tuskegee for admission approval.

Any student interested in veterinary medicine should have completed 80 semester credit hours of pre-professional training with a minimum grade-point average of 2.5; however, preference is given to those students who have satisfied the requirements for a baccalaureate degree.

Interested students should consult the Chairperson of the Division of Mathematics and Sciences or the Pre-Health Professions Advisors for further details and requirements.

### Optometry

Optometry is the profession of examining the eyes for defects and faults of refraction and prescribing corrective lenses or exercises.

The Commonwealth of Kentucky sponsors a program that enables 15 qualified pre-optometry students who are Kentucky residents to gain admission each year to the Southern College of Optometry in Memphis, Tennessee, and the optometry schools of Indiana University and the University of Alabama at Birmingham. Eight entering spaces are reserved at Southern, four at Indiana University, and three at the University of Alabama at Birmingham.



**Suggested Curriculum**  
**BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY**  
**Total Hours: 148-150**

**FRESHMAN YEAR**

		Hours	Spring	Hours
<b>Fall</b>				
BIO 111	Prin. of Biology	4	BIO 109	Intro. to Allied Health
CHE 101	General Chemistry I	4	BIO 210	General Zoology
ENG 101	English Composition I	3	CHE 102	General Chemistry II
HIS 103	Western Civilization	3	ENG 102	English Composition II
MAT 110	Interm. Algebra or above	3	HED 221	Personal Health/Fitness
		17	MAT 120	Precalculus
				19

**SOPHOMORE YEAR**

		Hours	Spring	Hours
<b>Fall</b>				
BIO 302	General Microbiology	4	CHE 202	Organic Chemistry II
CHE 201	Organic Chemistry I	4	IGS 201	Converg/Reshape/Cultures
ENG 211	Intro. to Literature	3	PSY 200	General Psychology
IGS 200	Found. of Western Culture	3	SPE 103	Interpersonal Commun.
	*Elective	3-4		Elective
	Foreign Language	3		Foreign Language
		20-21		19

**JUNIOR YEAR**

		Hours	Spring	Hours
<b>Fall</b>				
ART 130	Intro. to Art OR		BIO 404	Hematology
MUS 130	Intro. to Music	3	BIO 405	Medical Microbiology
BIO 310	Clinical Lab. Techniques	4	ECO 200	Survey of Economics OR
BIO 403	Immunology	3	POS 101	American Government
CHE 315	Biochemistry	4	**IGS 301, 302, 303, or 304	
IGS 300	New Forms of Culture	3	*Elective	
	Elective	3		3-4
		20		17-18

(Work to be completed at cooperating hospital school of medical technology)

**SENIOR YEAR**

		Hours	Spring	Hours
<b>Fall</b>				
BIO 490	Clinical Practicum	12	BIO 490	Clinical Practicum
				12
<b>Summer</b>				
BIO 490	Clinical Practicum			12

\*Limited Elective Choices: BIO 301, BIO 303, BIO 307, BIO 309, CHE 203, or CHE 314  
 \*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures),  
 or IGS 304 (The African-American Experience)



**BIOLOGY**

Biology is the scientific study of living systems. The importance of biology in today's world is self-evident. Biology instruction at Kentucky State University provides students with a basic knowledge of the field. The curriculum includes study of viruses, bacteria, animals and plants, gene regulation, and theoretical and practical ecology. Students are encouraged to master basic principles of scientific inquiry while familiarizing themselves with the traditional aspects of a sound liberal education.

The Division of Mathematics and Sciences offers programs leading to the Bachelor of Science degree in Biology, with and without teacher certification. Details on the latter may be found elsewhere in this Catalogue in the subsection on the Department of Education of the College of Applied Sciences section. A minor in Biology is also offered.

The General Biology curriculum is particularly well-suited for the student who plans to enter the workforce immediately upon graduation or intends to continue his or her course of study in graduate school. The student choosing this option must complete a minimum of 137 semester credit hours, including the University's Liberal Studies Requirements (with BIO 111 in place of BIO 101) and the following 29-32 semester credit hour Biology core course requirements: BIO 210, 212, 301, 302, 303, 307, 401, 408, 410, and 416; and at least 11 semester credit hours of Biology electives selected from BIO 304, 305, 308, 309, 310, 403, 404, or 405. Under this curriculum, the Biology major must

earn a "C" or above in the following required 37 semester credit hours of support courses: CHE 101, 102, 201, 202, and 315; MAT 120 and 201; and PHY 207 and 208; and must complete 6 semester credit hours of free electives and 3 semester credit hours of limited electives at the 300/400-level.

A Biology major may also select the Biological Health Sciences curriculum. This curriculum is suitable for students wishing to pursue careers in public health. The student choosing this option must complete a total of 139 semester credit hours, including the University's Liberal Studies Requirements (with BIO 111 in place of BIO 101); BIO 109, 210, 301, 302, 303, 307, and 401; at least 17 semester credit hours of limited electives selected from the following: BIO 304, 308, 309, 310, 403, 404, 405, or 408. Under this curriculum, the Biology major must earn a "C" or above in the following required support courses: CHE 101, 102, 201, 202, and 315; HED 223; MAT 120 and 201; PHY 207 and 208 (36 semester credit hours); and must complete 6 semester credit hours of free electives and 3 semester credit hours of limited electives at the 300/400-level.

The minor in Biology requires the completion of 21 semester credit hours in Biology. All except one of the courses must be selected from the Biology core requirements.

Students who intend to major in either of the Biology options are required to take BIO 111 and CHE 101 instead of other natural science electives of the Liberal Studies Requirements.



**Suggested Curriculum**  
**BACHELOR OF SCIENCE IN BIOLOGY**  
 (General Biology Option)  
 Total Hours: 137-140

**FRESHMAN YEAR**

	Hours	Spring	Hours
<b>Fall</b>			
BIO 111 Prin. of Biology	4	ART 130 Intro. to Art OR	3
ENG 101 English Composition I	3	MUS 130 Intro. to Music	3
HIS 103 Western Civilization	3	BIO 210 General Zoology	3
MAT 110 Interm. Algebra or above	3	BIO 212 General Botany	3
SPE 103 Interpersonal Commun.	3	ENG 102 English Composition II	3
	16	HED 221 Personal Health/Fitness OR	2
		PHE P. E. Activity Courses	4
		MAT 120 Precalculus	4
			18

**SOPHOMORE YEAR**

	Hours	Spring	Hours
<b>Fall</b>			
BIO 302 General Microbiology	4	*BIO Elective	3
CHE 101 General Chemistry I	4	CHE 102 General Chemistry II	4
IGS 200 Found. of Western Culture	3	ENG 211 Intro. to Literature	3
MAT 201 Calculus I	5	IGS 201 Converge/Reshape/Cultures	3
	3	Foreign Language	3
	19		16

**JUNIOR YEAR**

	Hours	Spring	Hours
<b>Fall</b>			
BIO 301 Human Anatomy	3	BIO 303 Human Physiology	4
BIO 307 Genetics	3	CHE 202 Organic Chemistry II	4
CHE 201 Organic Chemistry I	4	PHY 208 Physics/Bio. Science II	4
IGS 300 New Forms of Culture	3	Electives	6
PHY 207 Physics/Bio. Science I	4		18
	17		

**SENIOR YEAR**

	Hours	Spring	Hours
<b>Fall</b>			
BIO 408 Cell Biology	4	BIO 401 Biology Seminar	1
*BIO Elective	4	BIO 410 Spec. Prob. in Biology	1-4
CHE 315 Biochemistry	4	BIO 416 Ecology	3
PSY 200 General Psychology	3	*BIO Elective	4
	3	**IGS 301, 302, 303, or 304	3
	18	ECO 200 Survey of Economics OR	3
		POS 101 American Government	3
			15-18

\*Biology electives: BIO 304, 305, 308, 309, 310, 403, 404, or 405.  
 \*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

**Suggested Curriculum**  
**BACHELOR OF SCIENCE IN BIOLOGY**  
 (Biological Health Sciences Option)  
 Total Hours: 139

**FRESHMAN YEAR**

	Hours	Spring	Hours
<b>Fall</b>			
ART 130 Intro. to Art OR		BIO 210 General Zoology	4
MUS 130 Intro. to Music	3	ENG 102 English Composition II	3
BIO 111 Prin. of Biology	4	HED 223 Principles of Health Ed.	3
ENG 101 English Composition I	3	MAT 120 Precalculus	4
HED 221 Personal Health/Fitness	2	SPE 103 Interpersonal Commun.	3
HIS 103 Western Civilization	3		17
MAT 110 Interm. Algebra or above	3		
	18		

**SOPHOMORE YEAR**

	Hours	Spring	Hours
<b>Fall</b>			
BIO 109 Intro. to Allied Health	3	CHE 102 General Chemistry II	4
BIO 302 General Microbiology	4	IGS 201 Converge/Reshape/Cultures	3
CHE 101 General Chemistry I	4	MAT 201 Calculus I	5
IGS 200 Found. of Western Culture	3	Foreign Language	3
Foreign Language	3		15
	17		

**JUNIOR YEAR**

	Hours	Spring	Hours
<b>Fall</b>			
BIO 301 Human Anatomy	3	BIO 303 Human Physiology	4
BIO 307 Genetics	3	CHE 202 Organic Chemistry II	4
CHE 201 Organic Chemistry I	4	PHY 208 Physics/Bio. Science II	4
PHY 207 Physics/Bio. Science I	4	*Elective	6
*Elective	3		18
	17		

**SENIOR YEAR**

	Hours	Spring	Hours
<b>Fall</b>			
CHE 315 Biochemistry	4	BIO 401 Biology Seminar	1
ENG 211 Intro. to Literature	3	ECO 200 Survey of Economics OR	
IGS 300 New Forms of Culture	3	POS 101 American Government	3
PSY 200 General Psychology	3	**IGS 301, 302, 303, or 304	3
*Electives	8	Electives	6
	21	Elective 300/400-level	3
			16

\*Limited electives: BIO 304, 308, 309, 310, 403, 404, 405, or 408.  
 \*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)



**CHEMISTRY**

The science of chemistry is concerned with the structure, composition, and reactions of matter. Chemistry instruction at the University is designed to familiarize the student with current views of these concepts. The relevance of chemistry is readily apparent, for the universe and the life forms it contains are chemical systems undergoing specific chemical reactions. To understand the universe and ourselves, it is necessary to understand the laws governing these chemical systems. A deeper knowledge of chemistry is necessary to solve many of humanity's problems: feeding the hungry, healing the sick, and bettering living conditions in general. Coursework in Chemistry at Kentucky State University considers both experimental and theoretical topics and emphasizes their interdependence.



The Division of Mathematics and Sciences offers a 144 semester credit hour program leading to the Bachelor of Science degree in Chemistry. A minor in Chemistry is also offered.

The courses required for a major in Chemistry are CHE 101, 102, 201, 202, 203, 307, 308, 312, 314, and 315 (a total of 40 semester credit hours). The support courses required for a major in Chemistry are MAT 120, 201, 202, and 301; one additional upper-level Mathematics course; and PHY 211 and 212 (a total of 28 semester credit hours). The student must earn a grade of at least "C" in the support courses.

The requirements for the academic minor in Chemistry are CHE 101, 102, 201, and 202; and one of the following: CHE 203, 307, 312, or 315. A total of 20 semester credit hours is required for this minor.

**Suggested Curriculum**  
**BACHELOR OF SCIENCE IN CHEMISTRY**

**Total Hours: 144**

**FRESHMAN YEAR**

Fall	Hours	Spring	Hours
BIO 111 Prin. of Biology	4	ART 130 Intro. to Art OR	
CHE 101 General Chemistry I	4	MUS 130 Intro. to Music	3
ENG 101 English Composition I	3	CHE 102 General Chemistry II	4
HIS 103 Western Civilization	3	ENG 102 English Composition II	3
MAT 110 Interm. Algebra or above	3	HED 221 Personal Health/Fitness OR	
	<hr/> 17	PHE P. E. Activity Courses	2
		MAT 120 Precalculus	4
		SPE 103 Interpersonal Commun.	3
			<hr/> 19

**SOPHOMORE YEAR**

Fall	Hours	Spring	Hours
CHE 201 Organic Chemistry I	4	CHE 202 Organic Chemistry II	4
COS 101 Fund. of Micro. Prog/BASIC	3	COS 110 Computer Programming I	3
IGS 200 Found. of Western Culture	3	IGS 201 Converg/Reshape/Cultures	3
MAT 201 Calculus I	5	MAT 202 Calculus II	5
Foreign Language	3	Foreign Language	3
	<hr/> 18		<hr/> 18

**JUNIOR YEAR**

Fall	Hours	Spring	Hours
CHE 203 Quantitative Analysis	4	CHE 314 Instrumental Analysis	4
ENG 211 Intro. to Literature	3	ECO 200 Survey of Economics OR	
IGS 300 New Forms of Culture	3	POS 101 American Government	3
PHY 211 General Physics I	4	*IGS 301, 302, 303, or 304	3
PSY 200 General Psychology OR		PHY 212 General Physics II	4
SOC 203 Prin. of Sociology	3	Electives	6
	<hr/> 17		<hr/> 20

**SENIOR YEAR**

Fall	Hours	Spring	Hours
CHE 307 Physical Chemistry I	4	CHE 308 Physical Chemistry II	4
CHE 315 Biochemistry	4	CHE 312 Inorganic Chemistry	4
MAT 301 Multivariate Calculus	3	MAT Elective 300/400-level	3
Electives 300/400-level	6	Electives	7
	<hr/> 17		<hr/> 18

\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)



# MATHEMATICS AND PHYSICS

Knowledge of mathematical facts and procedures is indispensable to a satisfactory understanding of every field of science. This is true for both the physical and biological sciences; and even the humanities are influenced by the traditions of mathematical knowledge. Mathematical skills and processes are central to the development and practice of critical thought and expression. Physics is the science that seeks to employ mathematics to explain the universe and its phenomena. Courses in Mathematics and Physics at Kentucky State University are designed to integrate theoretical and practical topics.

The Division of Mathematics and Sciences offers degrees in Applied Mathematics (a double-degree, pre-engineering course of study) and in Mathematics. The latter may be with teacher certification, and details on this option may be found elsewhere in this Catalogue under the Department of Education of the College of Applied Sciences. Minors in Mathematics and Physics are also offered.

All students entering Kentucky State University who have not met the Liberal Studies Requirements for Mathematics (either by a transfer course from another university or college or a suitable score on the mathematics sub-test of the ACT or SAT) are given a Mathematics placement test. Students are placed in appropriate Mathematics courses on the basis of their performance on this examination. The placement test (or equivalent) is a prerequisite for some Mathematics courses.

## Applied Mathematics (Pre-Engineering)

The Applied Mathematics (Pre-Engineering) major is a five-year course of study offered jointly by Kentucky State University and four other universities. A student currently may choose the University of Kentucky, the University of Maryland at College Park, Vanderbilt University, or Florida A & M University. The student

in this program attends Kentucky State University for three years of study in the pre-engineering area of his/her choice and then transfers to the second institution for two additional years of work. Upon successful completion of the first year at the second institution, the student is awarded the Bachelor of Science degree in Applied Mathematics by Kentucky State University. The student is awarded the bachelor of science degree in his/her selected field of engineering by the second institution after the final year of study.

The suggested curricula at the end of this subsection list the courses for the student who chooses the University of Kentucky for the final two years of study. Courses at the University of Maryland at College Park, Vanderbilt University, and Florida A & M University are essentially the same, and a listing may be obtained from the Pre-Engineering Advisor. Note that each engineering specialization has its own curriculum. All cooperating universities offer degree programs in the following engineering fields: chemical, civil, electrical, and mechanical. In addition, the following specialties are offered at the indicated schools: aerospace (UM); agricultural (UK,UM); biomedical and environmental (Vanderbilt); fire protection (UM); metallurgical, mining (UK); and transportation (Vanderbilt). Descriptions of courses required at the University of Kentucky, the University of Maryland at College Park, Vanderbilt University, and Florida A & M University may be found in those universities' catalogues. The total number of semester credit hours in the Applied Mathematics (Pre-Engineering) curricula ranges from 132-144.

Students interested in engineering should note that, due to possible changes in the engineering accreditation standards and possible curriculum changes at the cooperating universities, some courses listed in the suggested curriculum ladders may change periodically. It is essential that students interested in engineering maintain close contact with the Pre-Engineering Advisors in the Division of Mathematics and Sciences.

## Suggested Curriculum BACHELOR OF SCIENCE FOR THE DOUBLE-DEGREE ENGINEERING PROGRAM Applied Mathematics/Engineering (Work to be completed at Kentucky State University)

FRESHMAN YEAR				Hours
Fall	Hours	Spring		
CHE 101 General Chemistry I	4	ART 130 Intro. to Art OR		3
ENG 101 English Composition I	3	MUS 130 Intro. to Music		4
HIS 103 Western Civilization	3	CHE 102 General Chemistry II		
MAT 201 Calculus I	5	*ECO 200 Survey of Economics OR		3
PHE P. E. Activity Course	1	*POS 101 American Government		3
*PSY 200 General Psychology OR	3	ENG 102 English Composition II		5
*SOC 203 Prin. of Sociology		MAT 202 Calculus II		1
	19	PHE P. E. Activity Course		1
				19

\*Civil and Mining Engineering students should take ECO 211 and ECO 212 instead of PSY 200, SOC 203, ECO 200, or POS 101 at this time. Mechanical Engineering students should take ECO 211 during second semester.  
Note: The University of Kentucky requirements listed are those in effect at the time of publication of this Catalogue (Fall, 1990).

## Suggested Curriculum AGRICULTURAL ENGINEERING (Work to be completed at Kentucky State University)

SOPHOMORE YEAR				Hours
Fall	Hours	Spring		Hours
BIO 111 Prin. of Biology	4	BIO 212 General Botany		3
COS 110 Computer Programming I	3	COS 210 Computer Programming II		3
IGS 200 Found. of Western Culture	3	IGS 201 Converge/Reshape/Cultures		3
PHY 211 General Physics I	4	PHY 212 General Physics II		4
Foreign Language	3	Foreign Language		3
	17			16

JUNIOR YEAR				Hours
Fall	Hours	Spring		Hours
IGS 300 New Forms of Culture	3	ENG 211 Intro. to Literature		3
INT 101 Engineering Drafting I	3	*IGS 301, 302, 303, or 304		3
MAT 301 Multivariate Calculus	3	MAT 303 Differential Equations		3
MAT 315 Numerical Analysis OR		PHY 340 Electricity and Magnetism		4
MAT 321 Prob. and Statistics	3	PHY 361 Modern Physics		4
PHY 311 Statics	3			17
PHY 320 Thermodynamics	4			
	19			

## (Work to be completed at the University of Kentucky)

SENIOR YEAR				Hours
Fall	Hours	Spring		Hours
AEN 100 Surveying	1	AEN 417G Intro/Design/Agri. Mach.		3
AEN 102 Agricultural Engin. Probs.	1	AEN 437G Soil/Water Conserv. Eng.		3
EM 302 Mech. of Deform. Solids	3	EE 305 Elect/Circuits/Electron. OR		
EM 303 Deformable Solids Lab	1	EE 306 Elect/Circuits/Machinery		3
EM 313 Dynamics	3	ME 325 Elements of Heat Trans.		3
ME 330 Fluid Mechanics	3	Technical Electives		1-3
	12			13-15

FIFTH YEAR				Hours
Fall	Hours	Spring		Hours
AEN 007 The Engin. Profession	0	Technical Electives		12
AEN 427G Design/Agri. Structures	3			
AEN 447G Processing/Food Engin.	3			
Technical Electives	6			
	12			

\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience).



### Suggested Curriculum CHEMICAL ENGINEERING

(Work to be completed at Kentucky State University)

SOPHOMORE YEAR				Hours
Fall	Hours	Spring		
CHE 201 Organic Chemistry I	4	CHE 202 Organic Chemistry II		4
COS 110 Computer Programming I	3	COS 210 Computer Programming II		3
IGS 200 Found. of Western Culture	3	IGS 201 Converge/Reshape/Cultures		3
PHY 211 General Physics I	4	PHY 212 General Physics II		4
Foreign Language	3	Foreign Language		3
	<u>17</u>			<u>17</u>

JUNIOR YEAR				Hours
Fall	Hours	Spring		
CHE 307 Physical Chemistry I	4	CHE 308 Physical Chemistry II		4
ENG 211 Intro. to Literature	3	*IGS 301, 302, 303, or 304		3
IGS 300 New Forms of Culture	3	MAT 303 Differential Equations		3
MAT 301 Multivariate Calculus	3	PHY 340 Electricity and Magnetism		4
PHY 311 Statics	3	PHY 361 Modern Physics		4
	<u>16</u>			<u>18</u>

(Work to be completed at the University of Kentucky)

SENIOR YEAR				Hours
Four-Week Intersession	Hours	Eight-Week Summer Session		
CME 205 Process Principles I	3	CME 210 Process Principles II		3
Fall	Hours	Spring		
CME 220 Engin. Thermodynamics	3	CME 006 The Engin. Profession		0
EE 305 Electrical Circuits	3	CME 412 Stages Mass Trans. Proc.		2
ME 330 Fluid Mechanics	3	CME 422 Rate Mass Transfer Proc.		3
Elective (Math)	3	ME 325 Elements of Heat Trans.		3
	<u>12</u>	MET 201 Materials Science		1-3
		Elective		<u>12-14</u>

FIFTH YEAR				Hours
Fall	Hours	Spring		
CME 007 The Engin. Profession	0	CME 008 The Engin. Profession		0
CME 431 Chemical Eng. Lab	2	CME 432 Chemical Engin. Lab		2
CME 455 Chem. Engin. Proc./I	3	CME 456 Chem. Engin. Proc./II		3
CME 550 Chem. Reactor Design	3	CME 462 Process Control		3
CME 570 Chem. Sep./Meas. Chem. Electives	3	CME Elective		3
	<u>1-3</u>	Electives		<u>1-3</u>
	<u>12-14</u>			<u>12-14</u>

\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

### Suggested Curriculum CIVIL ENGINEERING

(Work to be completed at Kentucky State University)

SOPHOMORE YEAR				Hours
Fall	Hours	Spring		
COS 110 Computer Programming I	3	COS 210 Computer Programming II		3
ENG 211 Intro. to Literature	3	IGS 201 Converge/Reshape/Cultures		3
IGS 200 Found. of Western Culture	3	PHY 212 General Physics II		4
PHY 211 General Physics I	4	Foreign Language		3
Foreign Language	3			<u>13</u>
	<u>16</u>			

JUNIOR YEAR				Hours
Fall	Hours	Spring		
IGS 300 New Forms of Culture	3	*IGS 301, 302, 303, or 304		3
INT 101 Engineering Drafting	3	MAT 303 Differential Equations		3
MAT 301 Multivariate Calculus	3	PHY 340 Electricity and Magnetism		4
MAT 321 Prob. and Statistics OR		PHY 361 Modern Physics		4
MAT 315 Numerical Analysis	3	PSY 200 General Psychology OR		
PHY 311 Statics	3	SOC 203 Prin. of Sociology		3
	<u>15</u>			<u>17</u>

(Work to be completed at the University of Kentucky)

SENIOR YEAR				Hours
Fall	Hours	Spring		
CE 100 Plane Surveying	3	CE 330 Fluid Mechanics		3
CE 101 Civil Engin. Profession	1	CE 380 Structural Mechanics		3
EM 302 Mech./Deform. Solids	3	CE 425G Soil Mechanics		3
EM 303 Deformable Solids Lab	1	EM 313 Dynamics		3
GLY 240 Elem. Geology/Engineers	4	MET 201 Materials Science		3
ME 220 Engin. Thermodynamics I	3			<u>15</u>
	<u>15</u>			

Four-Week Intersession	Hours
CE 215 Route, Control and Topographic Profession	4

FIFTH YEAR				Hours
Fall	Hours	Spring		
CE 206 Descriptive Geometry	2	CE 371 Seminar		1
CE 301 Civil Engin. Materials	2	EE 305 Elect. Circuits/Electron. OR		
CE 340 Transportation Engin.	3	EE 306 Elect. Circuits/Machinery		3
CE 351 Hydraulic Appl./Exper.	2	Design Elective		3
CE 355 Water Quality Engineering	3	Technical Electives		9
Technical Elective	3			<u>16</u>
	<u>15</u>			

\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)



Suggested Curriculum  
ELECTRICAL ENGINEERING

(Work to be completed at Kentucky State University)

SOPHOMORE YEAR			
Fall	Hours	Spring	Hours
COS 110 Computer Programming I	3	COS 210 Computer Programming II	3
ENG 211 Intro. to Literature	3	IGS 201 Converg/Reshape/Cultures	3
IGS 200 Found. of Western Culture	3	PHY 212 General Physics II	4
PHY 211 General Physics I	4	Foreign Language	3
Foreign Language	3		13
	16		

JUNIOR YEAR			
Fall	Hours	Spring	Hours
MAT 301 Multivariate Calculus	3	*IGS 301, 302, 303, or 304	3
MAT 315 Numerical Analysis OR		MAT 303 Differential Equations	3
MAT 321 Prob. and Statistics	3	PHY 340 Electricity and Magnetism	4
PHY 311 Statics	3	PHY 361 Modern Physics	4
PHY 320 Thermodynamics	4		14
IGS 300 New Forms of Culture	3		
	16		

(Work to be completed at the University of Kentucky)

Four-Week Intersession			
Hours	Eight-Week Summer Session	Hours	
EE 211 Intro. Circuits I	4	EE 221 Circuits II	3
		EE 222 Electrical Engin. Lab I	2
			5

SENIOR YEAR			
Fall	Hours	Spring	Hours
EE 415G Electromechanics I	3	EE 416G Electric Eng. Lab III OR	2
EE 420G Electrical Engin. Anal.	3	EE 481 Logical Design Lab	3
EE 480G Logical Design	3	EE 468G Fields and Waves	6
Technical Elective	3	Eng/Science Electives	3
	12	Technical Elective	3
			14

FIFTH YEAR			
Fall	Hours	Spring	Hours
EE 403G Advanced EE Lab I	2	EE 371 Seminar	1
EE 461G Electronic Circuits I	3	Electives	5-6
EE 462G Elect. Engin. Lab II	2	Technical Electives	6
EE 471G Linear Feedback Ctrl.	3		12-13
Technical Elective	3		
	13		

\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures) IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

Suggested Curriculum  
MECHANICAL ENGINEERING

(Work to be completed at Kentucky State University)

SOPHOMORE YEAR			
Fall	Hours	Spring	Hours
COS 110 Computer Programming I	3	COS 210 Computer Programming II	3
ENG 211 Intro. to Literature	3	IGS 201 Converg/Reshape/Cultures	3
IGS 200 Found. of Western Culture	3	INT 101 Engineering Drafting I	3
PHY 211 General Physics I	4	PHY 212 General Physics II	4
Foreign Language	3	Foreign Language	3
	16		16

JUNIOR YEAR			
Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	*IGS 301, 302, 303, or 304	3
MAT 301 Multivariate Calculus	3	MAT 303 Differential Equations	3
MAT 321 Prob. and Statistics OR		PHY 340 Electricity and Magnetism	4
MAT 315 Numerical Analysis	3	PHY 361 Modern Physics	4
Electives	6		14
	15		

(Work to be completed at the University of Kentucky)

SENIOR YEAR			
Fall	Hours	Spring	Hours
EM 221 Statics	3	EM 313 Dynamics	3
ME 101 Orient./Mech. Engin.	1	ME 302 Mech. of Deformable Solids	3
ME 151 Manufacturing Engin.	3	ME 310 Engin. Experimentation	3
ME 220 Engin. Thermodynamics	3	ME 321 Engin. Thermodynamics	3
MET 201 Materials Science	3	ME 330 Fluid Mechanics	3
	13		15

FIFTH YEAR			
Fall	Hours	Spring	Hours
EE 305 Electrical Circuits/El.	3	EE 306 Electrical Circuits/Mach.	3
ME 007 Engin. Profession	0	ME 008 Engin. Profession	0
ME 311 Engin. Experimentation	3	ME 312 Engin. Experimentation	3
ME 325 Elements/Heat Trans.	3	ME 343 Control Systems Analysis	3
ME 344 Mechanical Design	3	Technical Electives	6
ME 371 Seminar	1		15
Technical Elective	3		
	16		

\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)



### Suggested Curriculum METALLURGICAL ENGINEERING

(Work to be completed at Kentucky State University)

SOPHOMORE YEAR				Hours
Fall	Hours	Spring		Hours
CHE 201 Organic Chemistry I	4	CHE 202 Organic Chemistry II		4
COS 110 Computer Programming I	3	COS 210 Computer Programming II		3
IGS 200 Found. of Western Culture	3	IGS 201 Conver/Reshape/Cultures		3
PHY 211 General Physics I	4	PHY 212 General Physics II		4
Foreign Language	3	Foreign Language		3
	<u>17</u>			<u>17</u>

JUNIOR YEAR				Hours
Fall	Hours	Spring		Hours
ENG 211 Intro. to Literature	3	*IGS 301, 302, 303, or 304		3
IGS 300 New Forms of Culture	3	INT 101 Engineering Drafting		3
MAT 301 Multivariate Calculus	3	MAT 303 Differential Equations		3
MAT 315 Numerical Analysis OR		PHY 340 Electricity and Magnetism		4
MAT 321 Prob. and Statistics	3	PHY 361 Modern Physics		4
PHY 311 Statics	3			<u>17</u>
	<u>15</u>			

(Work to be completed at the University of Kentucky)

SENIOR YEAR				Hours
Four-Week Intersession	Hours	Eight-Week Summer Session		Hours
CME 205 Process Principles I	2	CME 210 Process Principles II		2
SENIOR YEAR				Hours
Fall	Hours	Spring		Hours
CME 220 Engin. Thermodynamics	3	ME 325 Elements of Heat Transfer 3		1
ME 330 Fluid Mechanics	3	MET 102 Materials Engineering		1
MET 101 Materials Engineering	1	MET 202 Materials Science		
MET 201 Materials Science	3	MET 362 Structure/Prop. Alloys II 4		3
MET 361 Struct/Prop. Alloys I	4	MET 451 Metallurgical Thermodynam.		<u>12</u>
	<u>14</u>			

FIFTH YEAR				Hours
Fall	Hours	Spring		Hours
EE 305 Electrical Circuits/El.	3	ME 359 Management Engineering		3
MET 442 Extractive Metallurgy	4	MET 538 Deformation Processing		4
MET 535 Mechanical Metallurgy	3	MET 550 Corrosion		3
Elective	3	Elective		3
	<u>13</u>			<u>13</u>

\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

### Suggested Curriculum MINING ENGINEERING

(Work to be completed at Kentucky State University)

SOPHOMORE YEAR				Hours
Fall	Hours	Spring		Hours
COS 110 Computer Programming I	3	COS 210 Computer Programming II		3
ENG 211 Intro. to Literature	3	IGS 201 Conver/Reshape/Cultures		3
IGS 200 Found. of Western Culture	3	INT 101 Engineering Drafting		3
PHY 211 General Physics I	4	PHY 212 General Physics II		4
Foreign Language	3	Foreign Language		3
	<u>16</u>			<u>16</u>

JUNIOR YEAR				Hours
Fall	Hours	Spring		Hours
IGS 300 New Forms of Cultures	3	*IGS 301, 302, 303, or 304		3
MAT 301 Multivariate Calculus	3	MAT 303 Differential Equations		3
MAT 307 Linear Algebra OR		PHY 340 Electricity and Magnetism 4		
MAT 315 Numerical Analysis	3	PHY 361 Modern Physics		4
PHY 311 Statics	3	PSY 200 General Psychology OR		
PHY 320 Thermodynamics	4	SOC 203 Prin. of Sociology		3
	<u>16</u>			<u>17</u>

(Work to be completed at the University of Kentucky)

SENIOR YEAR				Hours
Fall	Hours	Spring		Hours
CE 100 Plane Surveying	3	CE 380 Structural Mechanics		3
EM 302 Mech. of Deform. Solids	3	ME 330 Fluid Mechanics		3
EM 303 Deformable Solids Lab	1	MNG 301 Minerals Processing		3
GLY 240 Elem. Geology/Engineers	4	MNG 332 Mine Plant Machinery		3
MNG 121 Elements of Mining	3	STA 381 Intro. to Engin. Statist.		3
	<u>14</u>			<u>15</u>

Four-Week Intersession		Hours
CE 215	Route, Control and Topographic Surveying	4

FIFTH YEAR				Hours
Fall	Hours	Spring		Hours
EN 437G Soil/Water Conservation	3	MNG 371 Seminar		1
EE 306 Elect. Circuits/Mach.	3	MNG 431 Mine Systems Engineering		3
MNG 341 Mine Ventilation	3	MNG 551 Rock Mechanics		3
MNG 451 Physical Prop/Rock Mas.	2	MNG 562 Mine Design Project		3
MNG 563 Surface Mining	3	Technical Electives		6
Technical Elective	3			<u>16</u>
	<u>17</u>			

\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)



**Major in Mathematics**

The requirements for the major in Mathematics are MAT 201, 202, 301, 401, 403, and 411; MAT 402 or 404; and four additional Mathematics electives selected from MAT 206, 303, 307, 315, 321, 402, 404, or 460. On the basis of placement test scores, students may also be required to complete MAT 099, 110, or 120. Majors in Mathematics are required to complete, as support courses, two semesters of a computer language and PHY 211 and 212 with a grade of "C" or above in each of these courses. This curriculum requires a minimum of 34 semester credit hours of Mathematics and a total of at least 132 semester credit hours.

Details for Mathematics majors seeking teacher certification in public secondary schools may be found in

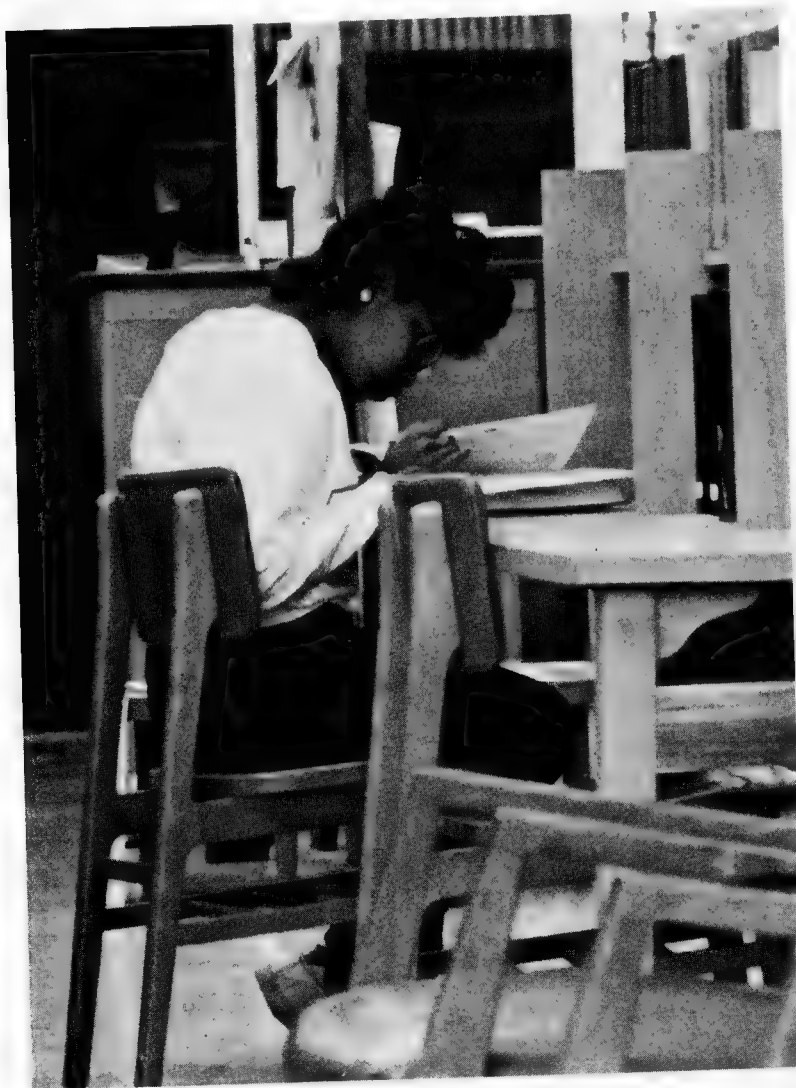
the subsection on the Department of Education of the College of Applied Sciences section of this Catalogue.

**Minor in Mathematics**

The courses required for a minor in Mathematics are MAT 201, 202, and 301; and two additional upper-level Mathematics courses (excluding MAT 314), for a total of 19 semester credit hours.

**Minor in Physics**

The courses required for a minor in Physics are PHY 212, 311 or 312, 320, 340, and 361, for a total of 19 semester credit hours.



**Suggested Curriculum**  
**BACHELOR OF ARTS IN MATHEMATICS**  
**Total Hours: 132-137**

**FRESHMAN YEAR**

Fall	Hours	Spring	Hours
BIO 101 Life Science	3	ART 130 Intro. to Art OR	
COS Computer Language Course	3	MUS 130 Intro. to Music	3
ENG 101 English Composition I	3	COS Computer Language Course	3
HIS 103 Western Civilization	3	ENG 102 English Composition II	3
*MAT 110 Interm. Algebra or above	3	*MAT 120 Precalculus	4
HED 221 Personal Health/Fitness OR		SPE 103 Interpersonal Commun.	3
PHE P. E. Activity Courses	2		
	17		16

**SOPHOMORE YEAR**

Fall	Hours	Spring	Hours
ECO 200 Survey of Economics OR	3	IGS 201 Converge/Reshape/Cultures	3
POS 101 American Government		MAT 202 Calculus II	5
ENG 211 Intro. to Literature	3	PSY 200 General Psychology OR	
IGS 200 Found. of Western Culture	3	SOC 203 Prin. of Sociology	3
MAT 201 Calculus I	5	Foreign Language	3
Foreign Language	3	Elective	3-4
	17		17-18

**JUNIOR YEAR**

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	***IGS 301, 302, 303, or 304	3
MAT 301 Multivariate Calculus	3	MAT 403 Real Analysis I	3
**MAT Elective	3	**MAT Electives	6
PHY 211 General Physics I	4	PHY 212 General Physics II	4
Elective	3-4	Elective	3-4
	16-17		19-20

**SENIOR YEAR**

Fall	Hours	Spring	Hours
MAT 401 Modern Algebra I	3	MAT 402 Modern Algebra II OR	
MAT 411 Topology	3	MAT 404 Real Analysis II	3
Electives 300/400-level	10	**MAT Elective	3
	16	Electives 300/400-level	8-10
			14-16

\*May be bypassed via the Mathematics Placement Test.

\*\*Mathematics electives must be selected from MAT 206, 303, 307, 315, 321, 402, 404, or 460.

\*\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)



# THE WHITNEY M. YOUNG, JR. COLLEGE OF LEADERSHIP STUDIES

*A paramount function of education is the preparation of individuals to relate themselves comfortably to their fellow men. As long as people existed in a world where they were born, lived, and died in one little hamlet, never venturing more than ten miles from home, this preparation was unnecessary. But today, in an era of great mobility and interchange, of increasing contact with people of different colors, beliefs, and backgrounds, it is imperative to so educate our children.*

—Whitney M. Young, Jr.

The Whitney M. Young, Jr. College of Leadership Studies, Kentucky State University's honors college, reflects the University's commitment to excellence in liberal studies education. The College is named after the late Whitney M. Young, Jr., executive director of the National Urban League from 1961 to 1971, distinguished leader of the American civil rights movement, and a graduate of Kentucky State University. The Whitney M. Young, Jr. College of Leadership Studies aims, through its special curriculum, to develop in its students the qualities of critical intelligence, maturity, and leadership exemplified by Mr. Young.

The curriculum in the Whitney M. Young, Jr. College of Leadership Studies is unique — there is none other quite like it in any public university in the nation. The Director of the National Endowment for the Humanities designated the Whitney M. Young, Jr. College of Leadership Studies as one of the five most innovative and promising liberal studies programs in the nation. The Whitney M. Young, Jr. College of Leadership Studies is committed to offering a stimulating, high quality, rigorous undergraduate education in liberal studies, preparing students for professional study in law, medicine, the ministry, or graduate school. Graduates of this program have gone on into education, business, computer science, law, and many other fields. Beyond questions of education for a career, the Whitney M. Young, Jr. College of Leadership Studies program tries to develop skills of thinking and imagining that will help students deal with the fundamental questions of human existence, no matter what they do in life.

Thus in the common course of studies required of all students, the emphasis is on the careful reading and discussion of many of the most important books in literature, history, philosophy, theology, mathematics, and sciences. Classes are small. Students learn to read



critically, to speak precisely, to write effectively, and to listen attentively by being required to do some or all of these things daily. The curriculum is designed not only to help students know, but to help them develop the skills they will need as they take their places in the adult world and in the worlds of the various professions.

While the Whitney M. Young, Jr. College of Leadership Studies is related to other "great books" programs throughout the country in its basic orientation, the curriculum at Kentucky State University is not a pale copy of ideas developed at private universities. The courses and curriculum in the Whitney M. Young, Jr. College of Leadership Studies have been developed and adapted to take advantage of the particular conditions at Kentucky State University, and this development is an ongoing process. Class size ranges from 10 to 15 in tutorials (language and mathematics-science courses) and up to 20 in seminars.

The course of studies in the first two years of the Whitney M. Young, Jr. College of Leadership Studies, taken in its entirety (48 semester credit hours), provides an alternate, briefer way of fulfilling all of the University's Liberal Studies Requirements.

## WHITNEY YOUNG COLLEGE COURSES AND EQUIVALENTS OF THE LIBERAL STUDIES REQUIREMENTS\*

Semester	WYC Courses	Semester Credit Hours	Equivalent Liberal Studies Requirements	Semester Credit Hours
1	WYC 111 Language I Greek OR	4	Foreign Language	3
	WYC 115 Language I Latin			
	WYC 121 Mathematics-Science I		Math Requirement	3
	WYC 101 Texts and Contexts I		IGS 200	3
2	WYC 112 Language II Greek OR	4	Foreign Language	3
	WYC 116 Language II Latin			
	WYC 122 Mathematics-Science II		Science Requirement	3
	WYC 102 Texts and Contexts II		HIS 103	3
3	WYC 211 Language III	4	ENG 102	3
	WYC 221 Mathematics-Science III		Science Requirement	3
	WYC 201 Love Seminar		IGS 201	3
			**SPE 103	3
4	WYC 212 Language IV	4	ENG 211	3
	WYC 222 Mathematics-Science IV		Science Requirement	3
	WYC 202 Justice Seminar		IGS 300	3
			***ENG 101	3

\*This list of equivalents is not reciprocal.  
\*\*SPE 103 fulfilled through accumulation of 3 semester hours of credit from WYC 101, 102, and 201 (1 semester credit hour each)  
\*\*\*ENG 101 fulfilled through accumulation of 3 semester hours of credit from WYC 111 or 115, 112 or 116, and 211 (1 semester credit hour each)

Students who take the required 48 semester credit hours in their freshman and sophomore years and who take an additional 19 semester credit hours of approved electives, distributed over other departments and divisions, can qualify for an Associate of Arts Degree in Liberal Studies, offered through the Community College.

Students who major in Liberal Studies, earn at least 128 semester credit hours, take at least 39 semester credit hours in designated upper-level WYC courses in their junior and senior years, pass the Senior Comprehensive Examination, and meet all other University requirements will receive a Bachelor of Arts degree in Liberal Studies.

Whitney M. Young, Jr. College of Leadership Studies students take part in all activities of the University, such as social and academic clubs, student government, choir, band, and intramural/intercollegiate athletics.

### THE FRESHMAN YEAR

Texts and Contexts I and II, WYC 101 and 102, 4 semester credit hours each semester, is the central course in the first year of studies. Students meet one hour per week in plenary session for a lecture related to the assigned reading. The remaining three hours of

the course each week are given over to discussion of the readings in small groups with an instructor. The instructor tries to stimulate and focus the discussion, but the emphasis is upon student participation. Every effort is made to promote a direct confrontation between the student and the text under discussion. The readings include primary texts defining our common moral and political tradition, supplemented with a history text.

**The Freshman Language Tutorial**, WYC 111 and 112 or WYC 115 and 116, 4 semester credit hours each semester, has two components: (1) instruction in the elements of the grammar of Greek or Latin with particular application to translation; and (2) an English writing component, emphasizing composition and rhetoric.

**The Mathematics-Science Tutorial**, WYC 121 and 122, 4 semester credit hours each semester, begins with the first great work in mathematics, Euclid's Elements, and continues with the study of other major works in the history of mathematics, astronomy, biology, and the philosophy of science.

**Electives**, 3-6 semester credit hours each semester, can be used for courses in such fields as business, computer science, English, or to begin a professional



sequence of course for areas such as engineering, medicine, dentistry, or law.

### THE SOPHOMORE YEAR

**The Love Seminar** (WYC 201) and the **Justice Seminar** (WYC 202), 4 semester credit hours each semester, begins the close reading and careful discussion of primary texts which focus on some of the most important and subtle concerns in human experience. In the Love Seminar students will read Biblical texts, Plato's *Symposium*, plays by Shakespeare, novels by Austen and Flaubert, and other works selected by individual tutors. The readings for the Justice Seminar will include works by Plato, Aristotle, Aquinas, Hobbes, and Rousseau, and there will be discussion of the nature of rights in the 19th and 20th centuries.

**The Sophomore Language Tutorial**, WYC 211 and 212, 4 semester credit hours each semester, deals with the history of English literature and the English language. The work of the first semester focuses on important literature of the medieval and early modern periods, while the second semester's texts are drawn from prose and poetry written since the 17th century. While the course context is some of the finest literature in the English language, attention is also paid to the quality of student writing as revealed in student essays which are frequently assigned.

**The Mathematics-Science Tutorial**, WYC 221 and 222, 4 semester credit hours each semester, concentrates on readings and laboratory exercises in physics using texts of Galileo, Huygens, Newton, and others.

**Electives**, 3-6 semester credit hours each semester, may be used for elective courses in a variety of fields. Two WYC courses are offered as electives at the lower-level:

- WYC 231, Great Lives, 4 semester credit hours
- WYC 232, Comparative Cultures, 4 semester credit hours

### THE JUNIOR AND SENIOR YEARS

After the first two years in the Whitney M. Young, Jr. College of Leadership Studies, many students con-

tinue in the college to earn a Bachelor of Arts degree in Liberal Studies, often using it as preparation for study in law or graduate school or for entering a business training program. Some students choose other majors, such as psychology or computer science, while continuing to take WYC courses to earn a liberal studies minor. Other students take a major and a minor outside of the Whitney M. Young, Jr. College of Leadership Studies, for example Mathematics and English.

A major in Liberal Studies requires the completion of at least 128 semester credit hours, including a mandatory minor, and successful completion of the Senior Comprehensive Examination. At the junior and senior levels, the required WYC courses are 12 semester credit hours of either WYC preceptorials (WYC 331, 332, 431, or 432) or approved Liberal Studies electives outside the Whitney M. Young, Jr. College of Leadership Studies, and 28 semester credit hours based upon the following required courses: WYC 301, 302, 311, 321, 401, 421, and 441.

A self-designed curriculum leading to a Bachelor of Arts degree in Liberal Studies can be developed in the Whitney M. Young, Jr. College of Leadership Studies or in the College of Arts and Sciences. Information on requirements and policies can be found in the College of Arts and Sciences section of this Catalogue.

### MINOR IN LIBERAL STUDIES

The minor in Liberal Studies requires the completion of 21 semester credit hours, including 6 semester credit hours taken from among the WYC preceptorials (WYC 331, 332, 431, or 432) or in approved Liberal Studies electives outside the Whitney M. Young, Jr. College of Leadership Studies. The other required 15 semester credit hours are to be earned as follows: 8 semester credit hours from any of the following seminars: WYC 301, 302, or 401, and 7 semester credit hours from WYC tutorials at the 300/400-level. It is strongly recommended that the student select WYC 441 as one of the tutorials.

### LIBERAL STUDIES ELECTIVES ACCEPTABLE TOWARD A MAJOR OR MINOR IN THE WHITNEY M. YOUNG, JR. COLLEGE OF LEADERSHIP STUDIES

The courses listed below have been approved as acceptable electives toward a baccalaureate major or minor in Liberal Studies through the Whitney M. Young, Jr. College of Leadership Studies. The prerequisites for some of these courses have been waived or modified for Whitney Young College students completing a major or minor in the College. No more than 6 semester credit hours may be counted from any one discipline.

ART:	ART 201, 202, 300, 302, 303, or 304
BIOLOGY:	Any 300/400-level BIO courses except BIO 490
CHEMISTRY:	Any 300/400-level CHE courses
ECONOMICS:	ECO 321, 322, 323, 420, or 425
ENGLISH:	ENG 274, 301, 302, 303, 337, 341, 352, 409, 410, 411, or 413
FRENCH:	FRE 301, 302, or 322
HISTORY:	Any 300/400-level HIS courses
INTEGRATIVE STUDIES:	Any 300-level IGS courses

MATHEMATICS:	MAT 120 by placement or challenge examination; MAT 201, 202, or 206; or any 300/400-level courses except MAT 314
MUSIC:	MUS 201, 202, 301, 321, 322, 323, 324, 325, 326, or 327
PHILOSOPHY:	Any 300/400-level PHI courses
PHYSICS:	PHY 211 or 212; or any 300-level courses
POLITICAL SCIENCE:	POS 300, 301, 322, 331, 361, 431, 446, 461, 462, or 495
PSYCHOLOGY:	PSY 300, 301, 304, 320, 400, 401, 405, 406, 407, 408, 409, or 410.
PUBLIC ADMINISTRATION:	PUA 304, 400, 401, or 497
SOCIOLOGY:	SOC 300, 301, 303, 304, 312, 350, 403, 405, 423, or 431
SPANISH:	SPA 301, 302, 403, or 404
THEATRE:	THE 305





Suggested Curriculum  
BACHELOR OF ARTS IN LIBERAL STUDIES  
Through the Whitney Young College  
(Minor Required)  
Minimum Total Hours: 128

FRESHMAN YEAR				Hours
Fall	Hours	Spring		
WYC 101	4	WYC 102	Texts and Contexts II	4
WYC 111		WYC 112	Language II Greek OR	
WYC 115	4	WYC 116	Language II Latin	4
WYC 121	4	WYC 122	Mathematics-Science II	4
			Electives, or Major, or Minor Courses	3-6
	3-6			15-18

SOPHOMORE YEAR				Hours
Fall	Hours	Spring		
WYC 201	4	WYC 202	Justice Seminar	4
WYC 211	4	WYC 212	Language IV	4
WYC 221	4	WYC 222	Mathematics-Science IV	
			Electives, or Major, or Minor Courses	3-6
	3-6			15-18

JUNIOR YEAR				Hours
Fall	Hours	Spring		
WYC 301	4	WYC 302	Psyche Seminar	4
WYC 321	4	WYC 311	Language V	4
			*Liberal Studies Elective OR	3
WYC 331	3	WYC 322	Preceptorial II	6
	6		Minor Courses	17
	17			

SENIOR YEAR				Hours
Fall	Hours	Spring		
WYC 441	3	WYC 401	Being Seminar	4
WYC 421	4		*Liberal Studies Elective	3
		WYC 432	Preceptorial IV	3
WYC 431	3		Electives or Minor Courses	6
	6			16
	16			

\*No more than 6 semester credit hours may be counted from any one discipline.

LIBERAL STUDIES

A student may pursue an Associate of Arts degree in Liberal Studies through the Whitney M. Young, Jr. College of Leadership Studies or the Community College. Details on the program administered by the Community College may be found in the Community College section of this Catalogue. The Associate of Arts degree in Liberal Studies under the jurisdiction of the Whitney M. Young, Jr. College of Leadership Studies is described here.

The associate degree program in Liberal Studies

emphasizes careful reading and discussion of books related to literature, history, philosophy, theology, mathematics, and sciences. The program concentrates on the aquisition of knowledge and the development of critical thinking and writing skills through the use of lectures, tutorials, and seminars.

A minimum of 67 semester credit hours is required for the completion of the program in Liberal Studies. Required courses are WYC 101, 102, 111, 112, 115, 116, 121, 122, 201, 202, 211, 212, 221, and 222; and 19 semester credit hours of advised electives.

Suggested Curriculum  
ASSOCIATE OF ARTS IN LIBERAL STUDIES  
Through the Whitney M. Young, Jr. College of Leadership Studies  
Total Hours: 67

FRESHMAN YEAR				Hours
Fall	Hours	Spring		
WYC 101	4	WYC 102	Texts and Contexts II	4
WYC 111		WYC 112	Language II Greek OR	
WYC 115	4	WYC 116	Language II Latin	4
WYC 121	4	WYC 122	Mathematics-Science II	4
	3		*Electives	4
	15			16

SOPHOMORE YEAR				Hours
Fall	Hours	Spring		
WYC 201	4	WYC 202	Justice Seminar	4
WYC 211	4	WYC 212	Language IV	4
WYC 221	4	WYC 222	Mathematics-Science IV	4
	6		*Electives	6
	18			18

\* Must select a minimum of 19 semester credit hours of electives in consultation with the student's academic advisor.



# THE COLLEGE OF APPLIED SCIENCES

*In this country we emphasize both liberal and practical education. Too often it is liberal education for one, and a practical education for another. What we desperately need is an integrated, liberal, practical education for the same person.*

—Dwight D. Eisenhower



The College of Applied Sciences at Kentucky State University offers undergraduate programs that prepare students to combine their broad liberal backgrounds with specialized training and to apply both in their everyday lives and in their technical and social-service careers.

The College offers coursework leading to baccalaureate degrees in the fields of Education, Computer Science, Home Economics, Social Work, and Criminal Justice. An associate in applied science degree is also available in the areas of Child Development and Family Relations, Computer Science, and Criminal Justice.

The University's Liberal Studies Requirements strengthen all baccalaureate programs within the College and are compatible with the requirements of the National Council for the Accreditation of Teacher Education (NCATE), the Kentucky Department of Education, and the Council on Social Work Education.

Education, Home Economics, Social Work, and

Criminal Justice programs are geared toward human needs and public services. Programs within the Department of Home Economics focus on the welfare of the family. The Department of Social Work and Criminal Justice programs are designed to prepare students to help remedy social problems of individuals and groups. Teacher Education programs within the Department of Education prepare students for careers as teaching professionals.

Department of Computer Science programs address the needs of full-time students and also emphasize the public service component of the University mission statement through class scheduling adapted to the work schedules of students who often maintain full-time employment. The programs provide instruction in the theory and application of computers and the development of highly specialized skills needed by employees in government and industry.

## THE DEPARTMENT OF COMPUTER SCIENCE

The Department of Computer Science offers courses in Computer Science leading to the Associate in Applied Science degree in Computer Science and the Bachelor of Science degree in Computer Science. Courses deal with the areas of computer programming, systems analysis, and information processing.

A student pursuing a Bachelor of Science degree in Computer Science must complete a minor in another area of study. The areas of Business, Mathematics, or Public Administration are recommended; however, the student may request approval of any recognized area of study for a minor.

A minor in Computer Science is also offered and consists of 21 semester credit hours as follows: COS 101, 180, 208, 209, 220, 230, and 330.

Any student pursuing a secondary teacher education major may elect to obtain an endorsement for teaching computer science. The required courses consist of the following 21 semester credit hours: COS 101, 110, 208,

and 212; EDU 325; MAT 110 or above; and one of the following courses in statistics: PSY/POS/SOC/SOW 300, MAT 321, ECO 311, or PUA 203.

### BACHELOR OF SCIENCE DEGREE

The Department of Computer Science offers a four-year program in Computer Science leading to a baccalaureate degree for students interested in securing training in the computer field with a broad background in related areas. A minimum of 128 semester credit hours is required for the degree. Computer Science courses required for a Bachelor of Science degree are COS 101, 208, 209, 212, 220, 230, 300, 302, 330, 340, 350, 400, 410, and either 420 or 440. A minor, which is required, and other degree coursework requirements must be discussed with the student's advisor. Students may also elect to apply 6 semester credit hours of Cooperative Education coursework towards the Computer Science degree requirements.





**Suggested Curriculum**  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**  
 (Minor Required)  
**Total Hours: 128**

**FRESHMAN YEAR**

FRESHMAN YEAR					
Fall		Hours	Spring	Hours	
BIO 101	Life Science	3	ART 130	Intro. to Art OR	3
COS 101	Fund. of Micro. Prog/BASIC	3	MUS 130	Intro. to Music	
ENG 101	English Composition I	3	ECO 200	Survey of Economics OR	3
HED 221	Personal Health/Fitness OR		POS 101	American Government	3
PHE	P. E. Activity Courses	2	ENG 102	English Composition II	3
HIS 103	Western Civilization	3	SPE 103	Interpersonal Commun.	3
MAT 110	Interm. Algebra or above	3		*Natural Science	3
		<hr/> 17			<hr/> 15

**SOPHOMORE YEAR**

SOPHOMORE YEAR					
Fall		Hours	Spring		Hours
COS 208	Pascal Programming	3	COS 209	Advanced Pascal	3
ENG 211	Intro. to Literature	3	COS 212	Intro. to Assembler	3
IGS 200	Found. of Western Culture	3	COS 220	Computer Organization	3
PSY 200	General Psychology OR		IGS 201	Converg/Reshape/Cultures	3
SOC 203	Prin. of Sociology	3		Foreign Language	3
	Foreign Language	3		Minor Course	3
	Minor Course	3			
		<hr/> 18			<hr/> 18

**JUNIOR YEAR**

JUNIOR YEAR				Hours	
Fall		Hours	Spring	Hours	
COS 230	COBOL I	3	COS 302	Operating Systems	3
COS 340	Data Structures	3	COS 330	File Processing	3
IGS 300	New Forms of Culture	3	**IGS 301, 302, 303, or 304		3
	Minor Courses	6		Minor Courses 300/400-level	6
		<hr/> 15			<hr/> 15

**SENIOR YEAR**

SENIOR YEAR				Hours
Fall		Hours	Spring	
COS 300	Systems Design and Dev. I	3	COS 400	Systems Design and Dev. II
COS 350	Organiz. of Prog. Lang.	3	COS 410	Data Base Mgt. Systems
	Electives 300/400-level	6	COS 420	Algorithms OR
	Elective OR		COS 440	Special Problems
	Minor Course 300/400-level	3		Electives
		<hr/> 15		<hr/> 15

\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.  
 \*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

**ASSOCIATE IN APPLIED SCIENCE DEGREE**

The Department of Computer Science offers an Associate in Applied Science degree in Computer Science for students who plan careers in data processing and related computer professions. The objectives of the program are to provide an understanding of how computers operate; a working knowledge of computer concepts, programming, and systems; experience with computers through in-service training; and a foundation of basic courses for further college study.

Graduates with an associate degree are equipped

with training and experience for employment as programmers and systems operators.

A minimum of 64 semester credit hours is required for the degree. Required Computer Science courses are COS 100, 101, 103, 180, 208, 209, 212, 220, 230, 231, and 250. Other degree coursework requirements should be discussed with the student's advisor. The remaining requirements are ACC 261 and 262; ENG 101 and 102; HIS 103; MAT 110 and 120; SPE 103; and 6 semester credit hours of free electives.

**Suggested Curriculum**  
**ASSOCIATE IN APPLIED SCIENCE IN COMPUTER SCIENCE**  
**Total Hours: 64**

**FIRST YEAR**

Fall		Hours	Spring		Hours
COS 100	Intro. to EDP	3	COS 103	Report Program Generator	3
COS 101	Fund. of Micro. Prog/BASIC	3	COS 180	Advanced Micro. Programming	3
ENG 101	English Composition I	3	ENG 102	English Composition II	3
MAT 110	Interm. Algebra or above	3	HIS 103	Western Civilization	3
SPE 103	Interpersonal Commun.	3	MAT 120	Precalculus	4
		<hr/> 15			<hr/> 16

**SECOND YEAR**

Fall		Hours	Spring		Hours
ACC 261	Prin. of Accounting I	3	ACC 262	Prin. of Accounting II	3
COS 208	Pascal Programming	3	COS 209	Advanced Pascal	3
COS 220	Computer Organization	3	COS 212	Introduction to Assembler	3
COS 230	COBOL I	3	COS 231	COBOL II	3
	Elective	3	COS 250	Microcomputer Interfacing	3
		<hr/> 15		Elective	<hr/> 3
					18



# THE DEPARTMENT OF EDUCATION

The Department of Education offers baccalaureate degree programs leading to teacher certification in Art Education, Biology, Early Elementary Education, English, History, Mathematics, Music Education, Physical Education, and Social Studies Education. Teaching minors are available in English, Health Education, History, Mathematics, and Sociology. An endorsement for teaching computer science is also available. Teacher preparation programs are accredited by the Kentucky Department of Education and the National Council for Accreditation of Teacher Education (NCATE). All programs lead to certification by the Kentucky Department of Education.

## Teacher Education Committee

The responsibility for teacher education programs at Kentucky State University rests with the Teacher Education Committee. This Committee is composed of faculty and student representatives from each department in which the University offers teacher certification programs, the Dean of the College of Applied Sciences, the Chairperson of the Department of Education, the Director of Supervised Teaching, the Coordinator of Secondary Education, the Director of Libraries, the Coordinator of Testing, the President of the University's Student National Education Association, and three public school representatives.

## Goals and Objectives

The overall goal of the Teacher Education Program is to produce the best possible teachers for elementary and secondary schools. Program objectives are to provide each student with the following:

- Knowledge of the process of human growth and development;
- An understanding of the educational process as it relates to teaching and learning in both individual and group situations;
- An appreciation of education as an institution and as an instrument of society;
- An awareness of the requirements of the Commonwealth of Kentucky for obtaining teaching certificates for the various teaching levels and content specialties in the public schools;
- An understanding of the organization, financial and social support, and purposes and functions of schools in a democracy;
- The pedagogical skills, competencies, and abilities necessary to create a climate for learning by elementary and secondary school students, including students who have certain exceptionalities; and

- The knowledge and skills necessary to meet the educational needs of elementary and secondary school students in a culturally diverse society.

## Admission to Teacher Education

Students desiring teacher certification at any level must make formal application to the Teacher Education Program. Application forms are available in the Department of Education and are due by posted dates in October and February.

The Teacher Education Committee reviews all application materials once per semester. Failure to make timely application to the Teacher Education Program may delay a student's progress toward graduation, since admission to the Teacher Education Program is a prerequisite to most upper-level Education courses.

Each applicant who seeks admission to the Teacher Education Program at Kentucky State University is required to meet the following standards:

- Standard 1.** Have obtained a minimum of 54 semester credit hours.
- Standard 2.** File an application for admission to the Teacher Education Program on the official form provided. The application must be accompanied by a personal data form and an autobiographical sketch of at least two pages in the student's own handwriting. The autobiography should reveal an alert, resourceful person of sound and stable character who exemplifies the following traits: (1) a strong desire to learn, (2) a strong desire to become an effective teacher, (3) a genuine interest in people, especially young people, (4) the ability to work well with others, and (5) a willingness to go beyond average expectations in hours devoted to study and involvement in school and community activities.
- Standard 3.** Submit an Enhanced ACT minimum composite score of 21 or a minimum composite score of 19 on a previous edition of the ACT. Students not meeting the requisite ACT composite score must demonstrate competency in reading, language, spelling, reference skills, and mathematics on the Comprehensive Tests of Basic Skills (CTBS) at a minimum grade equivalence of 12.7.

- Standard 4.** Demonstrate competency in written communication through an impromptu written response to a question in the applicant's field of study. The sample will be evaluated for writing mechanics, content, organization, and style.
- Standard 5.** Demonstrate competency in oral communication during an individual personal interview.
- Standard 6.** Have obtained a cumulative grade-point average of 2.5 or above on a 4.0 scale.
- Standard 7.** Have obtained a grade of "C" or above in the following courses:
  - a. ENG 101 (English Composition and Rhetoric I) and ENG 102 (English Composition and Rhetoric II);
  - b. EDU 294 (Introduction to Teaching); and
  - c. EDU 221 (Human Growth: Life Span Development).
- Standard 8.** Obtain three letters of recommendation:
  - a. One from the major advisor;
  - b. One from an instructor with whom the applicant has completed a course; and
  - c. One from a public school teacher with whom the applicant has had field experience.
- Standard 9.** Submit ACT scores to the Office of the Department of Education.
- Standard 10.** Have obtained clearance from the Office of the Vice President for Student Affairs.

Applicants may be granted *conditional* admission to the Teacher Education Program with minor deficiencies in meeting admission standards. Immediate correction and satisfactory progress are required for continued enrollment in the Teacher Education Program.

The Teacher Education Committee may withdraw a student from the Teacher Education Program at any time based upon one or more of the following:

- a. Unsatisfactory academic progress.
- b. Disciplinary action by the University against the student because of conduct that would indicate character traits of such a nature as to make that student unfit for the teaching profession.

The student may withdraw officially from the Teacher Education Program by proper written notice to the Chairperson of the Teacher Education Committee.

An applicant who has been denied for admission to the Teacher Education Program will be permitted to file a supplementary application, provided all deficiencies

have been removed. The student will not be permitted to file a third application if rejected by the Teacher Education Committee a second time.

Any applicant who has failed three official Teacher Education sittings of the CTBS will be denied further consideration for admission to the Teacher Education Program. *No applicant will be allowed to take the CTBS twice in the same semester.* No applicant will be permitted to sit officially for the CTBS a fourth time. However, students will be permitted to repeat individual portions of the CTBS by special arrangement.

Kentucky State University, operating through the Teacher Education Committee, retains the right to change, modify, or add to the above requirements at any time. The Teacher Education Committee will give students notice of required changes. Students must consult the Chairperson of the Department of Education for the most recent certification requirements.

## Admission to Supervised Teaching

All students seeking certification to teach are *required* to file an application for Supervised Teaching. The application for admission to Supervised Teaching must be made by the posted deadline during the semester immediately prior to the semester during which the student plans to do supervised teaching.

After review of the student's application, the Teacher Education Committee will notify the applicant by letter that the application for admission to Supervised Teaching has been approved or denied. If the application has been approved, the approval will be subject to successful completion of all prerequisites and the student's attainment and maintenance of the required standards for admission which are in effect at the time of application and at the time the student is scheduled to enroll in the Supervised Teaching course. If the application for admission to Supervised Teaching has been denied, the letter of notification will state the reason(s) for denial.

Applicants for admission to Supervised Teaching must meet the following standards:

- Standard 1.** Have been admitted to the Teacher Education Program with continued progress through maintenance of Teacher Education standards prior to application for admission to Supervised Teaching.
- Standard 2.** Submit a recent physical examination report which includes tuberculin test results.
- Standard 3.** Have completed a minimum of 90 semester credit hours of college coursework (senior standing).
- Standard 4.** Have a cumulative grade-point average



of 2.5 or above on a 4.0 scale at the time of the application or, by special permission, have attained such by the end of the semester immediately prior to the scheduled entrance into Supervised Teaching.

- Standard 5.** Have a cumulative grade-point average of 2.5 or above on a 4.0 scale in the major courses (with all grades "C" or above) at the end of the semester prior to the scheduled entrance into Supervised Teaching.
- Standard 6.** Have completed all required professional education courses including the fieldwork and clinical requirements and with a minimum grade-point average of 2.5 (with all grades "C" or above) or have satisfied this requirement by the end of the semester immediately prior to the scheduled entrance into Supervised Teaching.
- Standard 7.** Have completed a minimum of three-fourths of the coursework within the major and have completed all coursework requirements for the minor with a minimum grade-point average of 2.5 (with all grades "C" or above) if Supervised Teaching is to occur in the minor subject.
- Standard 8.** Be recommended by the faculty of the major department.
- Standard 9.** Be recommended by the faculty of the Department of Education.
- Standard 10.** Have obtained clearance from the Vice President for Student Affairs.
- NOTE: Students must present evidence of liability insurance for Supervised Teaching comparable in amount to that which the Student National Education Association provides.

Students are fully responsible for arranging all required transportation that results from participation in Supervised Teaching. Students may seek the assistance of the Department of Education in making these arrangements.

A student who has been approved for admission to Supervised Teaching who does not complete all prerequisites or maintain the required standards for admission will be denied the opportunity to enroll in the Supervised Teaching course. After deficiencies have been corrected, the student's case shall be subject to review by the Teacher Education Committee before the

student will be permitted to enroll for Supervised Teaching at a later date.

Students are not to be permitted to take other regular college courses or hold employment during the period of Supervised Teaching. Exemptions from this standard will be considered by the Director of Supervised Teaching and the Chairperson of the Department of Education only in the most unusual cases, as consideration is possible, in compliance with the Teacher Education Committee's policies governing such circumstances. Students who disregard this requirement shall be subject to suspension from the Supervised Teaching Program or other appropriate disciplinary action by the Teacher Education Committee.

#### Degree Requirements

Students seeking teacher certification in the Commonwealth of Kentucky must select a level at which to teach. Certification programs available at Kentucky State University meet requirements for early elementary (grades K-4), secondary (grades 9-12), and K-12 programs in specific subjects.

To obtain the baccalaureate degree and teacher certification at any level, Teacher Education students must complete 54 semester credit hours of Liberal Studies Requirements. Additional degree requirements are as follow:

#### EARLY ELEMENTARY EDUCATION (grades K-4)

A minimum of 140-141 semester credit hours is required for a major in Early Elementary Education. Requirements include 46 semester credit hours of professional Education courses (EDU 221, 294, 310, 312, 313, 314, 324, 325, 400, 402, 406, 423, and 474; and CDF 204); 22 semester credit hours of related support courses (ART 101, ENG 260, FNU 203, HIS 201, MAT 103 and 104, MUE 333, and PHE 258 or 259 or 260); 3 semester credit hours of free electives; and 21 semester credit hours in one academic specialty, of which 6 semester credit hours may be satisfied by Liberal Studies Requirements. Academic areas from which students may select a specialty are English/Communications, Fine Arts/Humanities, Foreign Language (limited to one language), Mathematics Studies, Sciences, or Behavioral and Social Sciences.

#### SECONDARY EDUCATION (grades 9-12)

**Art Education** — A minimum of 138 semester credit hours is required for a major in Art Education. Requirements include 21 semester credit hours in art and art history (ART 110, 112, 113, 160, 201, 202, 220, and 400); 18 semester credit hours of limited Studio Art

electives selected in consultation with the student's advisor; 6 semester credit hours of 300/400-level courses in one ART area of specialization (art history, ceramics, drawing, printing, photography, printmaking, sculpturing, or weaving); and a 3 semester credit hour art history elective for a total of 48 semester credit hours (ART 130 is a Liberal Studies Requirement.); 33 semester credit hours of professional Education courses (EDU 221, 294, 310, 324, 325, 394, 406, 409, and 494; and ART 419); and 3 semester credit hours of free electives. Students who wish to teach on both the elementary and high school levels must, in addition to the above listed courses, complete ART 319 and EDU 305 for a total of 144 semester credit hours.

**Biology Certification** — A minimum of 138-139 semester credit hours is required for a major in Biology with high school teacher certification. In addition to BIO 111, CHE 101, and MAT 110 (which satisfy Liberal Studies Requirements), students must complete a Biology core of 25 semester credit hours (BIO 210, 212, 302, 303, 307, 401, 408 and 416); 5-6 semester credit hours of Biology electives selected from BIO 301, 304, 305, 308, 309, 310, 403, 404, 405, or 410; a 4 semester credit hour Chemistry course (CHE 102); 33 semester credit hours of professional Education courses (EDU 221, 294, 310, 324, 325, 394, 406, 409, 413, and 494); a 4 semester credit hour Mathematics course (MAT 120); 8 semester credit hours of support courses in Physical Sciences; and 3 semester credit hours of free electives.

**English Education Certification** — A minimum of 135 semester credit hours is required for a major in English with high school teacher certification. Requirements include 30 semester credit hours of English courses (ENG 213, 312, 322, 323, 324, 325, 390, 410, 411, and 433); 6 semester credit hours selected from English, Speech, Communication, or Theatre (3 of the 6 semester credit hours at the 300/400-level); 36 semester credit hours of professional Education courses (EDU 221, 294, 310, 324, 325, 394, 406, 409, 410, 445, and 494); a 3 semester credit hour Speech course (SPE 200); and 6 semester credit hours of free electives.

**History Education Certification** — A minimum of 132 semester credit hours is required for a major in History with high school teacher certification. Requirements include 33 semester credit hours of History courses (HIS 101, 102, 201, 202, 314, 376, 422, and 433); 9 semester credit hours of 300/400-level History electives selected in consultation with the student's advisor); 33 semester credit hours of professional Education courses (EDU 221, 294, 310, 324, 325, 394, 406, 409, 414, and 494); a 3 semester credit hour Geography course (GEO 102); 6 semester credit hours of Sociology courses (SOC 203

and 303); and 6 semester credit hours of free electives. All students seeking certification to teach History must complete POS 101 and PSY 200 as part of the Liberal Studies Requirements.

**Mathematics Education Certification** — A minimum of 136 semester credit hours is required for a major in Mathematics with high school teacher certification. Requirements include 32 semester credit hours of Mathematics courses (MAT 120, 201, 206, 301, 307, 321, 401, and 403); 6 semester credit hours of a computer language; 33 semester credit hours of professional Education courses (EDU 221, 294, 310, 324, 325, 394, 406, 409, 411, and 494); a 3 semester credit hour Mathematics elective selected from MAT 303, 315, 402, 404, 411, or 460; 8 semester credit hours of Physics courses (PHY 211 and 212); and 3 semester credit hours of free electives.

**Social Studies Education** — A minimum of 135 semester credit hours is required for a major in Social Studies Education. Requirements include 12 semester credit hours of Sociology courses (SOC 203, 303, 304, and 305); 33 semester credit hours of professional Education courses (EDU 221, 294, 310, 324, 325, 394, 406, 409, 414, and 494); 21 semester credit hours of History courses (HIS 101, 102, 201, and 202, and 9 semester credit hours of 300/400-level History electives selected in consultation with the student's advisor); a 3 semester credit hour Geography course (GEO 102); a 3 semester credit hour Political Science course (POS 160); and 3 semester credit hours of free electives. All students seeking certification to teach Social Studies must take POS 101 and PSY 200 as part of the Liberal Studies Requirements.

Teaching endorsements, in addition to History and Sociology, can be obtained by completing a minimum of 9 semester credit hours of coursework in Economics, Geography, Political Science, and/or Psychology selected in consultation with the student's advisor.

#### K-12 CERTIFICATION

**Music Education** — The major in Music Education leads to teacher certification for grades K-12 with either the instrumental or vocal option. A major in Music Education with either option requires a minimum of 144 semester credit hours. Requirements include MUS 101, 102, 120, 161, 162, 201, 202, 220, 261, 262, 301, 303, 320, 321, 322, 324, 361, 362, 420, 461, and 499; MUE 341, 342, 353, and 354; 31 semester credit hours of professional Education courses (EDU 221, 294, 310, 324, 325, 394, 406, and 494; and MUE 331 and 332); and 3 semester credit hours of free electives. Students selecting the instrumental option must also complete



MUE 343, 344, 345, 347, and 437. All Music majors are required to complete a major ensemble representing their major performing medium each semester, except the supervised teaching semester. Music Education majors pursuing the instrumental option must enroll in a minimum of 3 semester credit hours of MUS 385 (Wind Ensemble) or MUS 382 (Concert Band), and 4 semester credit hours of MUS 381 (Marching Band). Music Education majors pursuing the vocal option must complete MUS 386 (Concert Choir) each semester, except the supervised teaching semester. Exceptions from these requirements must be approved by the Music Department faculty. Any student whose performance area is piano or organ must also take MUE 349 for a total of 145 semester credit hours. Students selecting the vocal option must also complete MUS 336, MUE 348, MUE 435, and 2 semester credit hours of Music electives from the music theory, composition, or arranging sequences.

**Physical Education** — A major in Physical Education leads to teacher certification for grades K-12. A minimum of 138-140 semester credit hours is required for a major in Physical Education with teacher certification. Requirements include a minimum of 43 semester credit hours of Physical Education courses (Select two: PHE 201, 202, 203, 204, or 205; Select two: PHE 210, 211, 212, or 213; PHE 218, 240 or 351 [for 1 or 2 semester credit hours], 257, 258, 259, 260, 320, 323, 324, 330, 331, 333, 401, and 421); a 3 semester credit hour Biology course (BIO 301); 33 semester credit hours of professional Education courses (EDU 221, 294, 305, 324, 325, 394, 406, 409, 412, and 494); 4 semester credit hours of Health Education courses (HED 107 and 221); and 3 semester credit hours of free electives.

Physical Education majors completing high school teacher certification may select an Athletic Training minor and/or a Health Education minor. Teaching certificates are granted by the Kentucky Department of Education for Physical Education and Health Education. Requirements for the Athletic Training minor are listed in the Physical Education subsection of the College of Arts and Sciences section of this Catalogue and are supervised by that department.

### Teaching Minors

Teaching minors are available in the following areas: English, Health Education, History, Mathematics, and Sociology. A minimum of 21 semester credit hours is required, in addition to the teaching major, for all minors except English, Health Education, and Mathematics. The English minor requires a minimum of 24 semester credit hours; the Mathematics minor requires a minimum of 23 semester credit hours; and the Health Education minor requires a minimum of 22 semester credit hours. Students must consult their advisor or the Chairperson of the Department of Education concerning specific requirements for each teaching minor. Teaching minors are available only to students who complete a teaching major.

### Teaching Endorsements

A teaching endorsement is available in Computer Science. Students must consult their advisor and the Chairpersons of the Departments of Education and Computer Science regarding specific requirements. Teaching endorsements are available only to students who complete a teaching major.

Students may extend the validity of teaching certificates by taking additional courses required for the endorsement of High School Certificates for teaching at the elementary level or for the endorsement of Elementary School Certificates for teaching at the secondary level. Contact the Chairperson of the Department of Education for specific course requirements.

### National Teacher Examinations

The Core Battery and Specialty examinations of The National Teacher Examinations (NTE) are required for teacher certification in Kentucky. The examinations are to be taken during the senior year and may be taken on-campus through the University's Testing Service. Students must perform at or above the cut-off scores established by the Kentucky Department of Education and must have their official NTE scores sent to Kentucky State University's Department of Education and to the Kentucky Department of Education in order to be recommended for certification. The NTE serves as the senior exit exam for teacher education majors.

## Suggested Curriculum BACHELOR OF ARTS IN EARLY ELEMENTARY EDUCATION (Grades K-4, Specialty Area Required)

Total Hours: 140-141

### FRESHMAN YEAR

Fall	Hours	Spring	Hours
ART 130 Intro. to Art OR		ENG 102 English Composition II	3
MUS 130 Intro. to Music	3	MAT 104 Found. of Math II	3
BIO 101 Life Science	3	*PHS 201 Physical Sciences I OR	
ENG 101 English Composition I	3	PHY 111 Intro. to Physics I	3-4
HED 221 Personal Health/Fitness	2	POS 101 American Government	3
HIS 103 Western Civilization	3	PSY 200 General Psychology	3
MAT 103 Found. of Math I	3	SPE 103 Interpersonal Commun.	3
	17		18-19

### SOPHOMORE YEAR

Fall	Hours	Spring	Hours
EDU 221 Human Growth: Life Span Development	3	ART 101 Early Elem. School Art	3
EDU 294 Intro. to Teaching	3	CDF 204 Child Development II	3
ENG 211 Intro. to Literature	3	FNU 203 Nutrition and Health	2
IGS 200 Found. of Western Culture	3	HIS 201 U.S. History to 1865	3
MAT 110 Interm. Algebra or above	3	IGS 201 Converge/Reshape/Cultures	3
PHE P. E. Activity Course	1	PHE 258, 259, or 260 Foreign Language	2
	3		3
	19		19

### JUNIOR YEAR

Fall	Hours	Spring	Hours
EDU 325 Microcomputers and Media in the Classroom	3	EDU 310 Intro. to Excep. Education	3
ENG 260 Children's Literature	3	EDU 312 Teaching Reading in Early Elementary School	3
IGS 300 New Forms of Culture	3	EDU 314 Teaching Social Studies in Early Elementary School	3
MUE 333 Fund. of Music for Early Elementary Teachers	3	EDU 324 Found. of Education	3
**Academic Specialty	6	***IGS 301, 302, 303, or 304	3
	18	**Academic Specialty	3
			18

### SENIOR YEAR

Fall	Hours	Spring	Hours
EDU 313 Teaching Language Arts in Early Elementary School	3	EDU 400 Senior Seminar in Elementary Education	3
EDU 402 Theories and Assessment of Learning	3	EDU 406 Senior Seminar: Synthesis and Assessment	1
EDU 423 Teaching Math. and Science in Early Elementary School	4	EDU 474 Supervised Teaching in Early Elementary Grades	8
**Academic Specialty	6		
Elective	3		
	19		12

\*Students selecting PHS 201 must also complete PHS 203, Physical Sciences Laboratory, for teacher certification.

\*\*Students must select a 21 semester credit hour specialty area in consultation with the advisor from the following: English/Communications; Fine Arts/Humanities; Foreign Language (limited to one language); Mathematics Studies; Sciences; or Behavioral and Social Sciences. Six of the required semester credit hours may be satisfied by Liberal Studies Requirements.

\*\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)



**Suggested Curriculum**  
**BACHELOR OF ARTS IN ART EDUCATION**  
**Total Hours: 138**

**FRESHMAN YEAR**

		Hours	Spring	Hours	
<b>Fall</b>					
ART 112	Two-Dimensional Design	3	ART 110	Basic Drawing	3
ART 130	Intro. to Art	3	ART 113	Three-Dimensional Design	3
BIO 101	Life Science	3	ENG 102	English Composition II	3
ENG 101	English Composition I	3	HIS 103	Western Civilization	3
HED 221	Personal Health/Fitness	2	SPE 103	Interpersonal Commun.	3
MAT 110	Interm. Algebra or above	3	PHE	P. E. Activity Course	1
		<hr/> 17			<hr/> 16

**SOPHOMORE YEAR**

		Hours	Spring	Hours	
Fall					
ART 201	Art History Survey I	3	ART 160	Art Symposium	1
EDU 221	Human Growth: Life Span Development	3	ART 202	Art History Survey II	3
			*ART	Studio Elective	3
ENG 211	Intro. to Literature	3	ECO 200	Survey of Economics OR	
IGS 200	Found. of Western Culture	3	POS 101	American Government	3
PSY 200	General Psychology	3	EDU 294	Intro. to Teaching	3
	Foreign Language	3	IGS 201	Converg/Reshape/Cultures	3
		<hr/>		Foreign Language	3
		18			<hr/>
					19

**JUNIOR YEAR**

		Hours	Spring	Hours	
Fall					
ART 220	Basic Painting I	3	ART 160	Art Symposium	1
ART	History Elective	3	***ART	Area of Specialization	3
*ART	Studio Elective	3	*ART	Studio Elective	3
EDU 310	Intro. to Excep. Education	3	EDU 324	Found. of Education	3
EDU 325	Microcomputers and Media in the Classroom	3	**IGS 301, 302, 303, or 304		3
IGS 300	New Forms of Culture	3	****Natural Science Elective		3
		<hr/> 18			<hr/> 19

**SENIOR YEAR**

		Hours	Spring	Hours
Fall				
ART 400	Senior Seminar	1	EDU 394	Clinical Experiences
ART 419	Methods and Materials			in Teaching
	for Teaching Art	3	EDU 406	Senior Seminar:
***ART	Area of Specialization	3		Synthesis and Assessment
*ART	Studio Electives 300/400-level	9	EDU 494	Supervised Teaching
EDU 409	Fund. & Adm./Secondary Ed.	3		in Secondary Schools
		<hr/> 19		<hr/> 12

\*To be selected from ART 211, 240, 245, 307, 315, or 317.

\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

\*\*\*Area of specialization may be in art history, ceramics, drawing, painting, photography, printmaking, sculpture, or weaving (300/400-level courses).

\*\*\*\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

NOTE: Courses required to add certification at the elementary level are ART 319 and EDU 305.

**Suggested Curriculum**  
**BIOLOGY CERTIFICATION—SECONDARY TEACHING**  
**Total Hours: 138-139**

**FRESHMAN YEAR**

Fall		Hours	Spring		Hours
BIO 111	Prin. of Biology	4	ART 130	Intro. to Art OR	
ENG 101	English Composition I	3	MUS 130	Intro. to Music	3
HIS 103	Western Civilization	3	BIO 210	General Zoology	3
MAT 110	Interm. Algebra or above	3	BIO 212	General Botany	3
PHE	P. E. Activity Course	1	ENG 102	English Composition II	3
SPE 103	Interpersonal Commun.	3	HED 221	Personal Health/Fitness	2
		<hr/> 17	MAT 120	Precalculus	<hr/> 4
					<hr/> 18

**SOPHOMORE YEAR**

Fall		Hours	Spring		Hours
*CHE 101	General Chemistry I	4	CHE 102	General Chemistry II	4
EDU 294	Intro. to Teaching	3	ECO 200	Survey of Economics OR	
IGS 200	Found. of Western Culture	3	POS 101	American Government	3
PSY 200	General Psychology	3	ENG 211	Intro. to Literature	3
	Elective	3	EDU 221	Human Growth: Life Span	
	Foreign Language	3		Development	3
		<hr/> 19	IGS 201	Converg/Reshape/Cultures	3
				Foreign Language	<hr/> 3
					<hr/> 19

**JUNIOR YEAR**

Fall		Hours	Spring		Hours
BIO 302	General Microbiology	4	BIO	Electives	5-6
BIO 307	Genetics	3	BIO 303	Human Physiology	4
EDU 324	Found. of Education	3	EDU 325	Microcomputers and Media	
IGS 300	New Forms of Culture	3		in the Classroom	3
	**Physical Science Elect.	4	***IGS 301, 302, 303, or 304		3
		<hr/> 17	**Physical Science Elect.		<hr/> 4
					19-20

**SENIOR YEAR**

Fall		Hours	Spring		Hours
BIO 401	Biology Seminar	1	EDU 394	Clinical Experiences	3
BIO 408	Cell Biology	4		in Teaching	
BIO 416	Ecology	3	EDU 406	Senior Seminar:	1
EDU 310	Intro. to Excep. Education	3		Synthesis and Assessment	
EDU 409	Fund. & Adm./Secondary Ed.	3	EDU 494	Supervised Teaching	8
EDU 413	Methods/Teaching Science	3		in Secondary Schools	
		<hr/> 17			<hr/> 12

\*Satisfies the Liberal Studies Requirements for Natural Science.

\*\*In addition to CHE 101 and CHE 102, students pursuing secondary teaching certification in Biology are required to complete a minimum of 8 semester credit hours of support courses in Physical Sciences. PHY 207 (Physics in Biological Science I) and PHY 208 (Physics in Biological Science II), are strongly recommended.

\*\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)



**Suggested Curriculum**  
**ENGLISH EDUCATION CERTIFICATION — SECONDARY TEACHING**  
**Total Hours: 135**

		<b>FRESHMAN YEAR</b>			<b>Hours</b>
		<b>Hours</b>	<b>Spring</b>		
<b>Fall</b>					
BIO 101	Life Science	3	ART 130	Intro. to Art OR	3
ENG 101	English Composition I	3	MUS 130	Intro. to Music	
HIS 103	Western Civilization	3	ECO 200	Survey of Economics OR	3
MAT 110	Interm. Algebra or above	3	POS 101	American Government	3
PHE	P. E. Activity Course	1	ENG 102	English Composition II	3
SPE 103	Interpersonal Commun.	3	HED 221	Personal Health/Fitness	2
				Elective	3
		16		*Natural Science	3
					17

		<b>SOPHOMORE YEAR</b>			<b>Hours</b>
		<b>Hours</b>	<b>Spring</b>		
<b>Fall</b>					
ENG 211	Intro. to Literature	3	EDU 221	Human Growth: Life Span	3
IGS 200	Found. of Western Culture	3		Development	
PSY 200	General Psychology	3	EDU 294	Intro. to Teaching	3
SPE 200	Public Speaking	3	ENG 213	Advanced Composition	3
	Elective	3	IGS 201	Converg/Reshape/Cultures	3
	Foreign Language	3		**Elective	3
		18		Foreign Language	3
					18

		<b>JUNIOR YEAR</b>			<b>Hours</b>
		<b>Hours</b>	<b>Spring</b>		
<b>Fall</b>					
EDU 324	Found. of Education	3	EDU 310	Intro. to Excep. Education	3
ENG 312	World Literature	3	EDU 445	Read. in the Sec. School	3
ENG 322	Survey British Lit. I	3	ENG 323	Survey British Lit. II	3
ENG 324	Survey American Lit. I	3	ENG 325	Survey American Lit. II	3
IGS 300	New Forms of Culture	3	ENG 390	Adolescent Lit.	3
EDU 325	Microcomputers and Media in the Classroom	3	***IGS 301, 302, 303, or 304		3
		18			18

		<b>SENIOR YEAR</b>			<b>Hours</b>
		<b>Hours</b>	<b>Spring</b>		
<b>Fall</b>					
EDU 409	Fund. & Adm./Secondary Ed.	3	EDU 394	Clinical Experiences in Teaching	3
EDU 410	Methods/Teaching English	3			
ENG 410	Linguistics	3	EDU 406	Senior Seminar: Synthesis and Assessment	1
ENG 411	Shakespeare	3			
ENG 433	Read/Writing Practicum	3	EDU 494	Supervised Teaching in Secondary Schools	8
	**Elective 300/400-level	3			
		18			12

\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\*Choice of English, Speech, Communication, or Theatre.

\*\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

**Suggested Curriculum**  
**HISTORY EDUCATION CERTIFICATION — SECONDARY TEACHING**  
**(Secretarial Studies Option)**  
**Total Hours: 132**

		<b>FRESHMAN YEAR</b>			<b>Hours</b>
		<b>Hours</b>	<b>Spring</b>		
<b>Fall</b>					
BIO 101	Life Science	3	ART 130	Intro. to Art OR	
ENG 101	English Composition I	3	MUS 130	Intro. to Music	3
HED 221	Personal Health/Fitness	2	ENG 102	English Composition II	3
*HIS 101	World Civilization I	3	*HIS 102	World Civilization II	3
MAT 110	Interm. Algebra or above	3	SPE 103	Interpersonal Commun.	3
PHE	P. E. Activity Course	1		Elective	3
		15		**Natural Science	3
					18

		<b>SOPHOMORE YEAR</b>			<b>Hours</b>
		<b>Hours</b>	<b>Spring</b>		
<b>Fall</b>					
ENG 211	Intro. to Literature	3	EDU 221	Human Growth: Life Span	3
HIS 201	U.S. History to 1865	3		Development	
IGS 200	Found. of Western Culture	3	EDU 294	Intro. to Teaching	3
POS 101	American Government	3	HIS 202	U.S. History since 1865	3
PSY 200	General Psychology	3	IGS 201	Converg/Reshape/Cultures	3
	Foreign Language	3	SOC 203	Prin. of Sociology	3
		18		Foreign Language	3
					18

		<b>JUNIOR YEAR</b>			<b>Hours</b>
		<b>Hours</b>	<b>Spring</b>		
<b>Fall</b>					
EDU 310	Intro. to Excep. Education	3	HIS 376	African History from 1870	3
EDU 324	Found. of Education	3	EDU 325	Microcomputers and Media in the Classroom	3
GEO 102	Prin. of Geography	3			
HIS 314	Blacks in the U.S.	3	EDU 414	Meths./Teach. Soc. Studies	3
IGS 300	New Forms of Culture	3	HIS	Electives 300/400-level	6
SOC 303	Cultural Anthropology	3	***IGS 301, 302, 303, or 304		3
		18			18

		<b>SENIOR YEAR</b>			<b>Hours</b>
		<b>Hours</b>	<b>Spring</b>		
<b>Fall</b>					
EDU 409	Fund. & Adm./Secondary Ed.	3	EDU 394	Clinical Experiences in Teaching	3
HIS 422	Recent U.S. History	3			
HIS 433	20th Century Europe	3	EDU 406	Senior Seminar: Synthesis and Assessment	1
HIS	Elective 300/400-level	3			
	Elective	3	EDU 494	Supervised Teaching in Secondary Schools	8
		15			12

\*Satisfies the Liberal Studies Requirements for History.

\*\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)



Suggested Curriculum  
MATHEMATICS EDUCATION CERTIFICATION — SECONDARY TEACHING  
Total Hours: 136

FRESHMAN YEAR			Hours
Fall	Hours	Spring	Hours
ART 130	Intro. to Art OR	COS	Computer Language Course
MUS 130	Intro. to Music	ECO 200	Survey of Economics OR
BIO 101	Life Science	POS 101	American Government
COS	Computer Language Course	ENG 102	English Composition II
ENG 101	English Composition I	MAT 120	Precalculus
HIS 103	Western Civilization	SPE 103	Interpersonal Commun.
MAT 110	Interm. Algebra or above		
	18		16
SOPHOMORE YEAR			Hours
Fall	Hours	Spring	Hours
EDU 294	Intro. to Teaching	EDU 221	Human Growth: Life Span Development
IGS 200	Found. of Western Culture	IGS 201	Converg/Reshape/Cultures
MAT 201	Calculus I	MAT 202	Calculus II
PSY 200	General Psychology	MAT 206	Modern Geometry
	17	PHE	P. E. Activity Course
			Foreign Language
			18
JUNIOR YEAR			Hours
Fall	Hours	Spring	Hours
ENG 211	Intro. to Literature	EDU 325	Microcomputers and Media in the Classroom
EDU 324	Found. of Education	HED 221	Personal Health/Fitness
IGS 300	New Forms of Culture	**IGS 301, 302, 303, or 304	
MAT 301	Multivariate Calculus	MAT 403	Real Analysis I
MAT 307	Linear Algebra	***MAT	Elective
*PHY 211	General Physics I	PHY 212	General Physics II
	19		4
			18
SENIOR YEAR			Hours
Fall	Hours	Spring	Hours
EDU 310	Intro. to Excep. Education	EDU 394	Clinical Experiences in Teaching
EDU 409	Fund. & Adm./Secondary Ed.	EDU 406	Senior Seminar: Synthesis and Assessment
EDU 411	Meth./Teaching Mathematics	EDU 494	Supervised Teaching in Secondary Schools
MAT 321	Prob. and Statistics		
MAT 401	Modern Algebra I		
	Elective		
	18		12

\*Satisfies the Liberal Studies Requirement for Natural Science.  
\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)  
\*\*\*Mathematics elective must be selected from MAT 303, 315, 402, 404, 411, or 460.

Suggested Curriculum  
BACHELOR OR ARTS IN SOCIAL STUDIES EDUCATION — SECONDARY TEACHING  
Total Hours: 135

FRESHMAN YEAR			Hours
Fall	Hours	Spring	Hours
ART 130	Intro. to Art OR	ENG 102	English Composition II
MUS 130	Intro. to Music	*HIS 102	World Civilization II
BIO 101	Life Science	HED 221	Personal Health/Fitness
ENG 101	English Composition I	PHE	P. E. Activity Course
*HIS 101	World Civilization I	POS 101	American Government
MAT 110	Interm. Algebra or above	SPE 103	Interpersonal Commun.
	Foreign Language		Foreign Language
	18		18
SOPHOMORE YEAR			Hours
Fall	Hours	Spring	Hours
GEO 102	Prin. of Geography	EDU 294	Intro. to Teaching
HIS 201	U.S. History to 1865	EDU 221	Human Growth: Life Span Development
IGS 200	Found. of Western Culture	ENG 211	Intro. to Literature
POS 160	State and Local Government	HIS 202	U.S. History since 1865
PSY 200	General Psychology	IGS 201	Converg/Reshape/Cultures
	**Natural Science	SOC 203	Prin. of Sociology
	18		3
			18
JUNIOR YEAR			Hours
Fall	Hours	Spring	Hours
EDU 324	Found. of Education	EDU 310	Intro. to Excep. Education
HIS	Elective 300/400-level	EDU 325	Microcomputers and Media in the Classroom
IGS 300	New Forms of Culture	EDU 414	Meths./Teach. Soc. Studies
SOC 303	Cultural Anthropology	HIS	Elective 300/400-level
	***Endorsement Specialty	****IGS 301, 302, 303, or 304	
	6	SOC 304	Race and Ethnic Relations
	18		3
			18
SENIOR YEAR			Hours
Fall	Hours	Spring	Hours
EDU 409	Fund. & Adm./Secondary Ed.	EDU 394	Clinical Experiences in Teaching
SOC 305	Contemporary Social Prob.	EDU 406	Senior Seminar: Synthesis and Assessment
HIS	Elective 300/400-level	EDU 494	Supervised Teaching in Secondary Schools
	Elective		
	***Endorsement Specialty		
	3		8
	15		12

\*Satisfies the Liberal Studies Requirements for History.  
\*\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.  
\*\*\*Teaching endorsements, in addition to History and Sociology, can be obtained by completing a minimum of 9 semester credit hours of coursework in Economics, Geography, Political Science, and/or Psychology selected in consultation with the student's advisor.  
\*\*\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)



Suggested Curriculum  
BACHELOR OF MUSIC EDUCATION  
(Instrumental Option)  
For Teaching Music in Grades K-12  
Total Hours: 144-145

FRESHMAN YEAR

Fall	Hours	Spring	Hours
BIO 101 Life Science	3	ENG 102 English Composition II	3
ENG 101 English Composition I	3	HIS 103 Western Civilization	3
MAT 110 Interm. Algebra or above	3	MUS 102 Music Theory 1450-1650	3
MUS 101 Music Theory to 1450	3	MUS 162 Major Applied II/Lab	2
MUS 120 Minor Applied I (Piano)	1	MUS 220 Minor Applied II (Piano)	1
MUS 161 Major Applied I/Lab	2	MUS 382 Concert Band OR	1
MUS 381 Marching Band	1	MUS 385 Wind Ensemble	1
SPE 103 Interpersonal Commun.	3	Elective	3
	19	*Natural Science	3
			19

SOPHOMORE YEAR

Fall	Hours	Spring	Hours
ECO 200 Survey of Economics OR	3	EDU 221 Human Growth: Life Span Development	3
POS 101 American Government	3	IGS 201 Converge/Reshape/Cultures	3
ENG 211 Intro. to Literature	3	MUS 202 Music Theory 1820-1900	3
IGS 200 Found. of Western Culture	3	MUS 262 Major Applied IV/Lab	2
MUS 201 Music Theory 1650-1820	3	MUS 382 Concert Band OR	1
MUS 261 Major Applied III/Lab	2	MUS 385 Wind Ensemble	1
MUS 320 Minor Applied III (Piano)	1	MUS 420 Minor Applied IV (Piano)	1
MUS 381 Marching Band	1	PSY 200 General Psychology	3
Foreign Language	3	Foreign Language	3
	19		19

JUNIOR YEAR

Fall	Hours	Spring	Hours
EDU 294 Intro. to Teaching	3	EDU 310 Intro. to Excep. Education	3
EDU 325 Microcomputers and Media in the Classroom	3	***IGS 301, 302, 303, or 304	3
IGS 300 New Forms of Culture	3	MUE 331 Fund./Meth. Elem. School	2
MUE 343 Woodwind Pedagogy I	1	MUE 341 String Pedagogy	1
MUE 347 Percussion Pedagogy	1	MUE 344 Woodwind Pedagogy II	1
MUS 301 Form and Analysis	2	MUE 345 Brass Pedagogy	1
MUS 321 Music History to 1685	3	MUE 353 Choral Conducting	1
**MUS 349 Keyboard Pedagogy	1	MUS 322 Music History 1685-1900	3
MUS 361 Major Applied V/Lab	2	MUS 362 Major Applied VI/Lab	2
MUS 381 Marching Band	1	MUS 382 Concert Band OR	1
	19-20	MUS 385 Wind Ensemble	1
		PHE P. E. Activity Course	1
			19

SENIOR YEAR

Fall	Hours	Spring	Hours
EDU 324 Found. of Education	3	EDU 394 Clinical Experiences in Teaching	3
HED 221 Personal Health/Fitness	2	EDU 406 Senior Seminar: Synthesis and Assessment	1
MUE 332 Fund./Meth. Sec. School	2	EDU 494 Supervised Teaching in Secondary Schools	8
MUE 342 Voice Pedagogy	1		12
MUE 354 Instrum. Conducting	1		
MUE 437 Instrum. Meths/Lit.	1		
MUS 303 Orchestration	2		
MUS 324 20th Century Music	2		
MUS 381 Marching Band	1		
MUS 461 Major Applied VII/Lab	2		
MUS 499 Senior Recital	1		
	18		

\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.  
\*\*Any student whose performance area is piano or organ must take MUE 349.  
\*\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)



**Suggested Curriculum**  
**BACHELOR OF MUSIC EDUCATION**  
 (Vocal Option)  
 For Teaching Music in Grades K-12  
 Total Hours: 144

**FRESHMAN YEAR**

		Hours			Hours
Fall			Spring		
BIO 101	Life Science	3	ENG 102	English Composition II	3
ENG 101	English Composition I	3	HIS 103	Western Civilization	3
MAT 110	Interm. Algebra or above	3	MUS 102	Music Theory 1450-1650	3
MUS 101	Music Theory to 1450	3	MUS 162	Major Applied II/Lab	2
MUS 120	Minor Applied I (Piano)	1	MUS 220	Minor Applied II (Piano)	1
MUS 161	Major Applied I/Lab	2	MUS 386	Concert Choir	1
MUS 386	Concert Choir	1		Elective	3
SPE 103	Interpersonal Commun.	3		*Natural Science	3
		<hr/> 19			<hr/> 19

**SOPHOMORE YEAR**

Fall		Hours	Spring		Hours
ECO 200	Survey of Economics OR	3	EDU 221	Human Growth: Life Span Development	3
POS 101	American Government	3	IGS 201	Converg/Reshape/Cultures	3
ENG 211	Intro. to Literature	3	MUS 202	Music Theory 1820-1900	3
IGS 200	Found. of Western Culture	3	MUS 262	Major Applied IV/Lab	2
MUS 201	Music Theory 1650-1820	2	MUS 386	Concert Choir	1
MUS 261	Major Applied III/Lab	1	MUS 420	Minor Applied IV (Piano)	1
MUS 320	Minor Applied III (Piano)	1	PSY 200	General Psychology	3
MUS 386	Concert Choir	3		Foreign Language	3
	Foreign Language	<hr/> 19			<hr/> 19

**JUNIOR YEAR**

		Hours	Spring		Hours
<b>Fall</b>					
EDU 294	Intro. to Teaching	3	EDU 310	Intro. to Excep. Education	3
EDU 325	Microcomputers and Media		HED 221	Personal Health/Fitness	2
	in the Classroom	3	**IGS 301, 302, 303, or 304		3
IGS 300	New Forms of Culture	3	MUE 331	Fund./Meth. Elem. School	2
MUE 348	Band Pedagogy	1	MUE 341	String Pedagogy	1
MUS 301	Form and Analysis	2	MUE 353	Choral Conducting	1
MUS 321	Music History to 1685	3	MUS 322	Music History 1685-1900	3
MUS 336	Phonetics and Diction	1	MUS 362	Music History 1685-1900	2
MUS 361	Major Applied V/Lab	2	MUS 362	Major Applied VI/Lab	1
MUS 386	Concert Choir	1	MUS 386	Concert Choir	1
		<hr/>	PHE	P. E. Activity Course	<hr/>
		19			19

**SENIOR YEAR**

		Hours	Spring		Hours
Fall					
EDU 324	Found. of Education	3	EDU 394	Clinical Experiences	
MUE 332	Fund./Meth. Sec. School	2		in Teaching	3
MUE 342	Voice Pedagogy	1	EDU 406	Senior Seminar:	
MUE 354	Instrum. Conducting	1		Synthesis and Assessment	1
MUE 435	Vocal Meth. and Lit.	1	EDU 494	Supervised Teaching	
MUS 303	Orchestration	2		in Secondary Schools	8
MUS 324	20th Century Music	2			<hr/> 12
MUS 386	Concert Choir	1			
MUS 461	Major Applied VII/Lab	2			
MUS 499	Senior Recital	1			
***MUS	Elective	2			
		<hr/> 18			

\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

\*\*\*Must be selected from the Music Theory, Composition, or Arranging sequences.





**Suggested Curriculum**  
**BACHELOR OF SCIENCE IN PHYSICAL EDUCATION**  
**Teaching Certification K-12**  
**Total Hours: 138-140**

		<b>FRESHMAN YEAR</b>				<b>Hours</b>
		<b>Hours</b>	<b>Spring</b>			
<b>Fall</b>						
*BIO 111	Prin. of Biology	4	ART 130	Intro. to Art OR		3
ENG 101	English Composition I	3	MUS 130	Intro. to Music		
HIS 103	Western Civilization	3	ECO 200	Survey of Economics OR		3
MAT 110	Interm. Algebra or above	3	POS 101	American Government		3
HED 107	First Aid and Safety	2	ENG 102	English Composition II		3
	Foreign Language	3	SPE 103	Interpersonal Commun.		3
				Foreign Language		3
				Elective		3
		18				18

		<b>SOPHOMORE YEAR</b>				<b>Hours</b>
		<b>Hours</b>	<b>Spring</b>			
<b>Fall</b>						
BIO 301	Human Anatomy	3	EDU 221	Human Growth: Life Span		3
EDU 294	Intro. to Teaching	3		Development		
ENG 211	Intro. to Literature	3	EDU 325	Microcomputers and Media		3
IGS 200	Found. of Western Culture	3		in the Classroom		2
PHE 257	Elementary Rhythmic		HED 221	Personal Health/Fitness		3
	and Dance Activities	2	IGS 201	Converg/Reshape/Cultures		1
PSY 200	General Psychology	3	PHE 218	Body Cond./Physical Fitness		2
**PHE	Team Sports Elective	1	PHE 259	Movement/Gym Activities		
		18	PHS 201	Physical Sciences I OR		3-4
			PHY 111	Intro. to Physics		1
			**PHE	Individual Sports Elective		18-19

		<b>JUNIOR YEAR</b>				<b>Hours</b>
		<b>Hours</b>	<b>Spring</b>			
<b>Fall</b>						
EDU 305	Fund. and Admin. Elem. Ed.	3	***IGS 301, 302, 303, or 304			3
EDU 324	Found. of Education	3	PHE 240	Intermediate Swimming OR		1-2
IGS 300	New Forms of Culture	3	PHE 351	Lifeguard Training		3
PHE 258	Individual and Team Sports		PHE 320	Adapted Physical Ed.		3
	for the Elem. School	2	PHE 323	Prin. of Physical Ed.		4
PHE 324	Sports Injury: Prev./Care	3	PHE 330	Physiology of Exercise		3
PHE 331	Kinesiology/Biomechanics	4	PHE 332	Motor Develop./Motor Learn.		1
		18	**PHE	Team Sports Elective		18-19

		<b>SENIOR YEAR</b>				<b>Hours</b>
		<b>Hours</b>	<b>Spring</b>			
<b>Fall</b>						
EDU 409	Fund. & Adm./Secondary Ed.	3	EDU 394	Clinical Experiences		3
EDU 412	Meths./Teaching P.E.	3		in Teaching		
PHE 260	Methods and Materials Elem.		EDU 406	Senior Seminar:		1
	School P. E. Activities	2		Synthesis and Assessment		
PHE 333	Psych/Socio Aspects		EDU 494	Supervised Teaching		8
	of Sports	3		in Secondary Schools		12
PHE 401	Tests and Measurements					
	for Health and P. E.	3				
PHE 421	Org. and Admin. of H.P.E.	3				
**PHE	Individual Sports Elective	1				
		18				

\*Satisfies the Liberal Studies Requirement for Natural Science.

\*\*Students must complete two courses from each of the following: Team Sports Electives: PHE 201, 202, 203, 204, or 205; and Individual Sports Electives: PHE 210, 211, 212, or 213.

\*\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

# THE DEPARTMENT OF HOME ECONOMICS



The Department of Home Economics offers coursework leading to Bachelor of Arts degrees in Child Development and Family Relations and in Textiles, Clothing, and Merchandising. An Associate in Applied Science degree is offered in Child Development and Family Relations.

## BACHELOR OF ARTS DEGREES

### Child Development and Family Relations

The baccalaureate degree program in this instructional area prepares students to direct or teach in early childhood programs and family service agencies. The major in Child Development and Family Relations requires a minimum of 128 semester credit hours, with 33 semester credit hours in Child Development and Family Relations. The required courses are CDF 101, 102, 203, 204, 305, 315, 316, 407, 408, 409, and 420; 29 semester credit hours are required from other academic areas. These required courses are ART 101, EDU 310, ENG 260, FNU 101 and 203, HEC 308, MUE 333, SOW 308 and 430, and TCL 311. In fulfilling degree requirements, students must also complete 13 semester credit hours of free electives.

### Textiles, Clothing, and Merchandising

The Textiles, Clothing, and Merchandising program

is an interdisciplinary program that is designed to provide knowledge and skills necessary for those who desire professional careers in the fashion and retail industry. Students may select areas of specialization in Art or Business.

The Textiles, Clothing, and Merchandising program combines classroom instruction and field experiences in the clothing industry. Graduates are prepared for careers in retail management, buying, sales supervision, advertising, fashion, display, consumer services, personnel, and credit.

A minimum of 128 semester credit hours is required for each degree option. All majors must complete the following 39 semester credit hours of core coursework: TCL 101, 212, 221, 222, 231, 311, 318, 337, 342, and 410. Additionally, students selecting the Specialization in Business option must complete ACC 261, BUA 200, MGT 323, MKT 351, and MKT 453; 3 semester credit hours of Business elective at the 300/400-level; 12 semester credit hours of free electives; and 6 semester credit hours of support courses: HEC 304 and 308.

Students selecting the Specialization in Art option must, in addition to the core coursework, complete ART 110, 112, 211, 305, 307, and 405; 6 semester credit hours of free electives; and 12 semester credit hours of support courses selected from ACC 261, BUA 200, HEC 304 or 308, or MKT 351.



**Suggested Curriculum**  
**BACHELOR OF ARTS IN CHILD DEVELOPMENT AND FAMILY RELATIONS**  
**Total Hours: 128**

**FRESHMAN YEAR**

	Hours	Spring	Hours
<b>Fall</b>			
BIO 101 Life Science	3	ART 130 Intro. to Art OR	3
CDF 101 Intro. to Early Childhood Education	3	MUS 130 Intro. to Music	3
ENG 101 English Composition I	3	CDF 102 Family Development	3
HIS 103 Western Civilization	3	ENG 102 English Composition II	3
MAT 110 Interm. Algebra or above	3	HED 221 Personal Health/Fitness OR	2
	15	PHE P. E. Activity Courses	3
		SPE 103 Interpersonal Commun.	3
		*Natural Science	3
			17

**SOPHOMORE YEAR**

	Hours	Spring	Hours
<b>Fall</b>			
CDF 203 Child Development I	3	ART 101 Early Elem. School Art	3
ENG 211 Intro. to Literature	3	CDF 204 Child Development II	3
FNU 101 Intro. to Foods	3	ECO 200 Survey of Economics OR	3
IGS 200 Found. of Western Culture	3	POS 101 American Government	2
PSY 200 General Psychology OR	3	FNU 203 Nutrition and Health	3
SOC 203 Prin. of Sociology	3	IGS 201 Conver/Reshape/Cultures	3
	18	Foreign Language	3
			17

**JUNIOR YEAR**

	Hours	Spring	Hours
<b>Fall</b>			
CDF 305 Material/Meth. in ECE	3	CDF 316 Teacher's Role in Fam/Sch. Relations	3
CDF 315 Child Guidance	3	HEC 308 Family Consumer Problems	3
EDU 310 Intro. to Exceptional Educ.	3	**IGS 301, 302, 303, or 304	3
ENG 260 Children's Literature	3	MUE 333 Fund. of Music for Early Elementary Teachers	3
IGS 300 New Forms of Culture	3	SOW 308 Dynamics of Marriage and Family Relations	3
	15	Elective	3
			18

**SENIOR YEAR**

	Hours	Spring	Hours
<b>Fall</b>			
CDF 407 Adv. Practicum in ECP I	3	CDF 408 Adv. Practicum in ECP II	3
CDF 409 Organ. and Admin. of ECEP	3	SOW 430 Child Welfare Services	3
CDF 420 Parent Education	3	Electives	7
TCL 311 Social and Psychological Aspects of Clothing	3		13
Elective	3		
	15		

\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

**Suggested Curriculum**  
**BACHELOR OF ARTS IN TEXTILES, CLOTHING, AND MERCHANDISING**  
**with a Specialization in Art**  
**Total Hours: 128**

**FRESHMAN YEAR**

	Hours	Spring	Hours
<b>Fall</b>			
ART 130 Intro. to Art OR		ART 110 Basic Drawing I	3
MUS 130 Intro. to Music	3	ENG 102 English Composition II	3
BIO 101 Life Science	3	HED 221 Personal Health/Fitness OR	
ENG 101 English Composition I	3	PHE P. E. Activity Courses	2
HIS 103 Western Civilization	3	SPE 103 Interpersonal Commun.	3
MAT 110 Interm. Algebra or above	3	TCL 101 Intro. to Fashion Mdsq.	3
	15	*Natural Science	3
			17

**SOPHOMORE YEAR**

	Hours	Spring	Hours
<b>Fall</b>			
ART 112 Two-Dimensional Design	3	**ECO 211 Prin. of Economics I	3
ENG 211 Intro. to Literature	3	IGS 201 Conver/Reshape/Cultures	3
IGS 200 Found. of Western Culture	3	PSY 200 General Psychology OR	
TCL 212 Apparel Quality Analysis	3	SOC 203 Prin. of Sociology	3
TCL 221 Textiles I	3	TCL 222 Textiles II	3
Foreign Language	3	TCL 231 Intro. to Design	3
	18	Foreign Language	3
			18

**JUNIOR YEAR**

	Hours	Spring	Hours
<b>Fall</b>			
ART 307 Photography I	3	ART 305 Commercial Art I	3
ART 211 Basic Drawing II	3	****IGS 301, 302, 303, or 304	3
IGS 300 New Forms of Culture	3	TCL 318 Historic Costume	3
TCL 311 Social and Psychological Aspects of Clothing	3	TCL 342 Fashion Mdsq.	3
TCL 337 Fashion Analysis	3	***Support Course	3
***Support Course	3		15
	18		

**SENIOR YEAR**

	Hours	Spring	Hours
<b>Fall</b>			
TCL 410 Practical Problems and Field Experience	12	ART 405 Commercial Art II	3
	12	Electives	6
		***Support Courses	6
			15

\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\*Satisfies the Liberal Studies Requirement for Social Sciences.

\*Support courses are to be selected with the assistance of an advisor and must be selected from the following: ACC 261, BUA 200, HEC 304 or 305, or MKT 351.

\*\*\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience).



**Suggested Curriculum**  
**BACHELOR OF ARTS IN TEXTILES, CLOTHING, AND MERCHANDISING**  
 with a Specialization in Business  
 Total Hours: 128

**FRESHMAN YEAR**

		Hours	Spring	Hours
<b>Fall</b>				
ART 130	Intro. to Art OR	3	BUA 200 Computer Appl. Bus.	3
MUS 130	Intro. to Music	3	ENG 102 English Composition II	3
BIO 101	Life Science	3	HED 221 Personal Health/Fitness OR	2
ENG 101	English Composition I	3	PHE P. E. Activity Courses	3
HIS 103	Western Civilization	3	SPE 103 Interpersonal Commun.	3
MAT 110	Interm. Algebra or above	3	TCL 101 Intro. to Fashion Mdsg.	3
		15	*Natural Science	3
				17

**SOPHOMORE YEAR**

		Hours	Spring	Hours
<b>Fall</b>				
ACC 261	Prin. of Accounting I	3	**ECO 211 Prin. of Economics I	3
ENG 211	Intro. to Literature	3	IGS 201 Converge/Reshape/Cultures	3
IGS 200	Found. of Western Culture	3	PSY 200 General Psychology OR	3
TCL 212	Apparel Quality Analysis	3	SOC 203 Prin. of Sociology	3
TCL 221	Textiles I	3	TCL 222 Textiles II	3
	Foreign Language	3	TCL 231 Intro. to Design	3
		18	Foreign Language	3
				18

**JUNIOR YEAR**

		Hours	Spring	Hours
<b>Fall</b>				
IGS 300	New Forms of Culture	3	HEC 304 Home Furn. and Design	3
MKT 351	Prin. of Marketing	3	***IGS 301, 302, 303, or 304	3
TCL 311	Social and Psychological Aspects of Clothing	3	MGT 323 Prin. of Management	3
		3	TCL 318 Historic Costume	3
TCL 337	Fashion Analysis	3	TCL 342 Fashion Merchandising	3
	Electives	6		
		18		15

**SENIOR YEAR**

		Hours	Spring	Hours
<b>Fall</b>				
TCL 410	Practical Problems and Field Experience	12	HEC 308 Family Consumer Problems	3
		12	MKT 453 Prin. of Retailing	3
			****Elective 300/400-level	3
			Electives	6
				15

\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\*Satisfies the Liberal Studies Requirement for Social Sciences.

\*\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

\*\*\*\*May be selected from any 300/400-level course with a prefix of ACC, BUA, BUE, ECO, MGT, or MKT.

**ASSOCIATE IN APPLIED SCIENCE DEGREE****Child Development and Family Relations**

The Associate in Applied Science degree program in Child Development and Family Relations is designed to prepare students for positions in childcare-related programs. A minimum of 64 semester credit hours is required for this degree. Courses required in the ma-

for are ART 101, BUA 200, CDF 101, 102, 203, and 204, ENG 260, FNU 101 and 203, and REC 201; 29 semester credit hours of liberal studies courses including BIO 101, ENG 101, 102, and 211, HED 221, HIS 103, MAT 110, MUS 130, PSY 200, and SPE 103; and 3 semester credit hours of free electives.

**Suggested Curriculum****ASSOCIATE IN APPLIED SCIENCE IN CHILD DEVELOPMENT AND FAMILY RELATIONS****Total Hours: 64****FIRST YEAR**

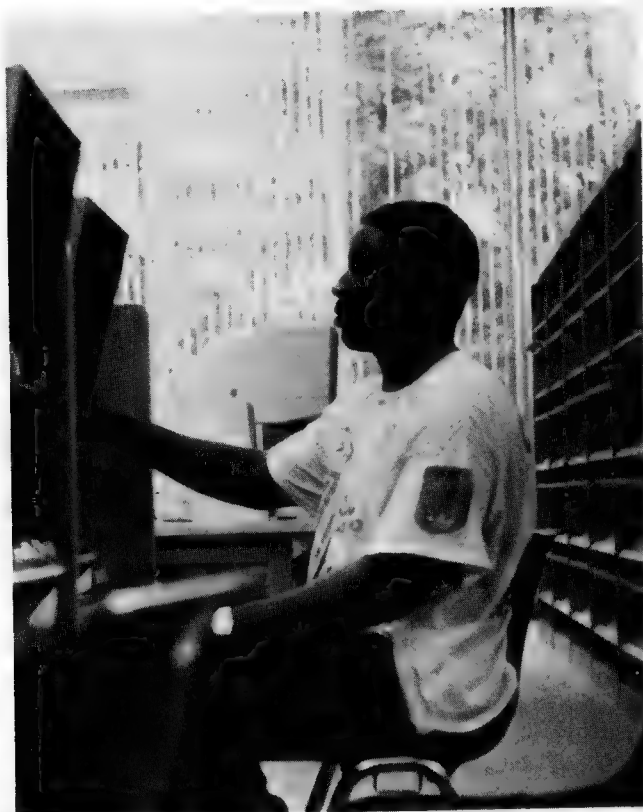
		Hours	Spring	Hours
<b>Fall</b>				
ART 101	Early Elem. School Art	3	BIO 101 Life Science	3
CDF 101	Intro. to ECE	3	CDF 102 Family Development	3
ENG 101	English Composition I	3	ENG 102 English Composition II	3
FNU 101	Intro. to Foods	3	MUS 130 Intro. to Music	3
HIS 103	Western Civilization	3	SPE 103 Interpersonal Commun.	3
		15		15

**SECOND YEAR**

		Hours	Spring	Hours
<b>Fall</b>				
BUA 200	Computer Appl. Bus	3	CDF 204 Child Development II	3
CDF 203	Child Development I	3	ENG 211 Intro. to Literature	3
ENG 260	Children's Literature	3	HED 221 Personal Health/Fitness	2
FNU 203	Nutrition and Health	2	PHE 257 Elementary Rhythmic and Dance Activities	3
MAT 110	Interm. Algebra or above	3	PSY 200 General Psychology	3
REC 201	Rec. Games and Sports	3	Elective	3
		17		17



## THE DEPARTMENT OF SOCIAL WORK AND CRIMINAL JUSTICE



The Department of Social Work and Criminal Justice offers three degree programs. The degrees are an Associate in Applied Science in Criminal Justice, a Bachelor of Arts in Criminal Justice, and a Bachelor of Arts in Social Work. In addition, minors are offered in Criminal Justice and in Gerontology.

### BACHELOR OF ARTS DEGREES

#### Criminal Justice

The baccalaureate degree program in Criminal Justice is designed to prepare students for careers in law enforcement, correctional services, probation, parole, and other criminal justice-related areas, as well as for admission to law school. It also provides students with the fundamentals for advanced study in graduate school.

The requirements for a Bachelor of Arts degree in Criminal Justice are 128 semester credit hours. These include 45 semester credit hours of Criminal Justice courses, 15 semester credit hours of Sociology courses, 9 semester credit hours of support courses, and 6 semester credit hours of free electives.

The following Criminal Justice courses are required for a Bachelor of Arts degree: CJE 101, 103, 200, 203, 204, 205, 303, 304, 390, 404, 405, 407, and 408. The remaining 6 semester credit hours are Criminal Justice electives and must be selected at the 300/400-level on the basis of the student's area of interest. Required Sociology and support courses are SOC 203, 300, 305, 343, and 423; COS 101; ENG 216; and PSY 400.

The requirements for a minor in Criminal Justice are 18 semester credit hours. The following Criminal Justice courses are required for a minor: CJE 101, 103, 200, 203, and 205. The remaining 3 semester credit hours may be selected on the basis of the student's area of interest within Criminal Justice.

#### Social Work

The Bachelor of Arts degree program in Social Work is accredited by the Council on Social Work Education. Principal objectives of the Social Work program are to prepare undergraduate students for entry-level professional social work practice in public and private sectors and to prepare students for continued professional growth including graduate social work education. The curriculum utilizes class and field instruction to develop and strengthen the processes, values, skills, and knowledge essential for alleviating problems that impair the social functioning of individuals, families, groups, and communities.

The requirements for an undergraduate degree in Social Work are 133 semester credit hours. These include 51 semester credit hours of Social Work courses, 12 semester credit hours of Sociology courses, 9 semester credit hours of support courses, and 6 semester credit hours of free electives. Students must consult with their advisor to plan the most appropriate sequence of study.

The required courses in Social Work are SOW 201, 300, 301, 306, 307, 308, 310, 314, 315, 321, 322, 422, 423, 424, and 425. Sociology requirements include SOC 203, 304, 305, and 403. Support courses required are ECO 211, PHI 210, and POS 160.

#### Admission Process

Minimum criteria for enrollment in Social Work courses are consistent with University policies. Students are eligible for formal admission to the Social Work Program if they are currently enrolled and in good standing with the University. When declaring Social Work as a major, the student must make formal

application to the program accompanied by two pages of handwritten autobiographical information. The application and guidelines for the autobiographical sketch are available in the Department of Social Work and Criminal Justice.

Applicants for admission are required to meet the following standards:

- Have completed SOW 201 (Career Choices in the Human Services Profession) with a grade of "C" or above;
- Have earned a 2.2 cumulative grade-point average or above (on a 4.0 scale); and
- Demonstrated competency in oral communication during an interview with Social Work faculty members.

Applicants may be admitted provisionally with less than a cumulative 2.2 grade-point average in cases where the Committee concurs that there is demonstrated potential for academic success. However,

minimum requirements for provisional admission include at least a grade of "C" or above in ENG 101 and a cumulative grade-point average of at least 2.0. It is expected that those who are admitted on a provisional basis will attain a 2.2 grade-point average by the end of their first semester in the program.

Applications are reviewed by the Social Work Admissions Committee, and decisions are given to students in writing.

#### Dismissal Procedures

Students may be dismissed from the Social Work program at any time based upon one or both of the following:

- Unsatisfactory academic progress;
- Disciplinary action by the Department against the student because of conduct that would indicate character weaknesses of such nature as to make the student unfit for the social work profession.





**Suggested Curriculum**  
**BACHELOR OF ARTS IN CRIMINAL JUSTICE**  
**Total Hours: 128**

**FRESHMAN YEAR**

Fall	Hours	Spring	Hours
BIO 101 Life Science	3	ART 130 Intro. to Art OR	3
CJE 101 Intro. to Criminal Justice	3	MUS 130 Intro. to Music	3
ENG 101 English Composition I	3	CJE 103 Intro. to Criminal Law	3
HIS 103 Western Civilization	3	ENG 102 English Composition II	3
MAT 110 Interm. Algebra or above	3	HED 221 Personal Health/Fitness OR	2
	15	PHE P. E. Activity Courses	3
		SPE 103 Interpersonal Commun.	3
		*Natural Science	3
			17

**SOPHOMORE YEAR**

Fall	Hours	Spring	Hours
CJE 200 Police Systems	3	CJE 204 Criminal Evidence	3
CJE 203 Criminal Procedure	3	CJE 205 Intro. to Corrections	3
COS 101 Fund. of Micro. Prog/BASIC	3	IGS 201 Conver/Reshape/Cultures	3
ENG 211 Intro. to Literature	3	POS 101 American Government	3
IGS 200 Found. of Western Culture	3	PSY 200 General Psychology	3
	3	Foreign Language	3
	18		18

**JUNIOR YEAR**

Fall	Hours	Spring	Hours
CJE 303 Constitutional Issues I	3	CJE 304 Constitutional Issues II	3
CJE 390 Crim. Justice Internship	3	CJE Elective 300/400-level	3
CJE	3	ENG 216 Technical Writing	3
IGS 300 New Forms of Culture	3	**IGS 301, 302, 303, or 304	3
SOC 203 Prin. of Sociology	3	Elective	3
	15		15

**SENIOR YEAR**

Fall	Hours	Spring	Hours
CJE 404 Institutional Corrections	3	CJE 405 Community Corrections	3
CJE 407 Crim. Justice Admin. I	3	CJE 408 Crim. Justice Admin. II	3
SOC 300 Statistics for BSS	3	PSY 400 Abnormal Psychology	3
SOC 305 Contemporary Social Prob.	3	SOC 423 Criminology	3
SOC 343 Juvenile Delinquency	3	Elective	3
	15		15

\*May be selected from BIO 112, PHY 111, or PHS 201.  
\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

**Suggested Curriculum**  
**BACHELOR OF ARTS IN SOCIAL WORK**  
**Total Hours: 133**

**FRESHMAN YEAR**

Fall	Hours	Spring	Hours
ART 130 Intro. to Art OR		*BIO 108 Anatomy and Physiology II	4
MUS 130 Intro. to Music	3	ENG 102 English Composition II	3
*BIO 107 Anatomy and Physiology I	4	HED 221 Personal Health/Fitness OR	
ENG 101 English Composition I	3	PHE P. E. Activity Courses	2
HIS 103 Western Civilization	3	POS 101 American Government	3
MAT 110 Interm. Algebra or above	3	SPE 103 Interpersonal Commun.	3
	16		15

**SOPHOMORE YEAR**

Fall	Hours	Spring	Hours
ENG 211 Intro. to Literature	3	ECO 211 Prin. of Economics I	3
IGS 200 Found. of Western Culture	3	IGS 201 Conver/Reshape/Cultures	3
PSY 200 General Psychology	3	PHI 210 Intro. to Logic	3
SOC 203 Prin. of Sociology	3	POS 160 State and Local Gov.	3
SOC 304 Race and Ethnic Relations	3	SOW 201 Career Choices in Human	
Foreign Language	3	Service Professions	3
	18	Foreign Language	3
			18

**JUNIOR YEAR**

Fall	Hours	Spring	Hours
IGS 300 New Forms of Culture	3	**IGS 301, 302, 303, or 304	3
SOW 306 Human Behavior I	3	SOC 305 Contemporary Social Prob.	3
SOW 308 Dynamics of Marriage and Family relations	3	SOW 307 Human Behavior II	3
SOW 310 Found. of Social Work	3	SOW 315 Adv. Skills in Soc. Work	3
SOW 314 Basic Skills/Human Serv.	3	SOW 322 Social Welfare Policies II	3
SOW 321 Social Welfare Policies I	3	Elective	3
	18		18

**SENIOR YEAR**

Fall	Hours	Spring	Hours
SOC 403 Social Psychology	3	SOW 301 Research Methods for BSS	3
SOW 300 Statistics for BSS	3	SOW 424 Field Instruction II	6
SOW 422 Field Instruction I	6	SOW 425 Social Work Seminar II	3
SOW 423 Social Work Seminar I	3	Elective	3
	15		15

\*Satisfies the Liberal Studies Requirement for Natural Science.  
\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)



**ASSOCIATE IN APPLIED SCIENCE DEGREE****Criminal Justice**

The major objective of the University's Associate in Applied Science degree program in Criminal Justice is to prepare students for careers in law enforcement and correctional services. The requirements for this degree are 64 semester credit hours, which include 33 semester

credit hours in Criminal Justice. The required Criminal Justice courses are CJE 101, 103, 200, 202, 203, 204, 205, 208, 210, 211, and 212. The required support courses are SOC 203, ENG 216, and POS 160 or 201. The remaining required 22 semester credit hours are ENG 101 and 102, MAT 110, POS 101, PSY 200, SPE 103, and 4 semester credit hours of free electives.

**Suggested Curriculum****ASSOCIATE IN APPLIED SCIENCE DEGREE IN CRIMINAL JUSTICE****Total Hours: 64****FIRST YEAR**

Fall	Hours	Spring	Hours
CJE 101 Intro. to Criminal Justice	3	CJE 103 Intro. to Criminal Law	3
ENG 101 English Composition I	3	ENG 102 English Composition II	3
POS 101 American Government	3	POS 160 State and Local Gov. OR	3
MAT 110 Interm. Algebra or above	3	POS 201 Metro Government	3
Elective	1	SPE 103 Interpersonal Commun.	3
	13	Elective	3
			15

**SECOND YEAR**

Fall	Hours	Spring	Hours
CJE 200 Police Systems	3	CJE 202 Police Patrol	3
CJE 203 Criminal Procedure	3	CJE 204 Criminal Evidence	3
CJE 208 Private Security	3	CJE 205 Intro. to Corrections	3
CJE 211 Police Administration I	3	CJE 210 Community Relations	3
ENG 216 Technical Writing	3	CJE 212 Police Administration II	3
PSY 200 General Psychology	3	SOC 203 Prin. of Sociology	3
	18		18

**MINOR IN GERONTOLOGY**

The field of Gerontology combines studies in Sociology, Psychology, Social Work, Education, Medicine, Biology, Physiology, Home Economics, Health and Physical Education, and Public Administration. The minor in Gerontology is approved by the

Association of Gerontology in Higher Education.

The minor in Gerontology requires the completion of 21 semester credit hours. The requirements are GNT 101, 102, 201, and 301, and 9 semester credit hours of electives selected from the following: GNT 400, 401, or 402; or SOC 403.

# THE SCHOOL OF BUSINESS

*Executives who gain a value perspective on capitalism enhance their chances of achieving harmony between their personal and professional lives. They have a "sense of place" within the broader societal context and understand the underlying purpose of their activities for humankind.*

—Joseph Pichler

The Kentucky State University School of Business prepares men and women for business careers that require decision-making in a complex economic setting — one inextricably interwoven into a dynamic and diverse social, political, and cultural environment. Seeing the business firm from this perspective, the School of Business has four overriding goals: (1) to provide for all students, through the University's Liberal Studies Requirements, a firm base of liberal education that will develop within the student a global view of human understanding; (2) to present business instruction so that students may understand the functions of the business firm as a whole and the purposes of specific areas of business in particular; (3) to develop within the student an appreciation of the importance of logical and analytical reasoning, a systematic approach to problem solving, and effective communications as these concepts apply to decision making in the business firm; and (4) to develop a view among students that the baccalaureate degree in business administration is the initial step toward a life-long commitment to personal growth and intellectual maturity.

The School of Business recognizes that the growing, rapidly changing character of American business demands that individuals involved in the decision-making process of business firms project their thinking to the future. They must be creative and innovative, while understanding the successes and failures of the past. This concept permeates the School's programs. The curriculum's strong liberal arts component provides students with a foundation from which to evaluate a business firm's social and moral responsibilities and their own individual responsibilities as they develop a personal philosophy of business.

**Prizes, Awards and Scholarships:** The following awards are made to students in the School of Business: Outstanding Accounting Student, Outstanding Business Administration Student, Outstanding Economics Student, Outstanding Management Student, Outstanding Marketing Student, the Wall Street Journal Award, Alma E. Smith Scholarship, Norrell Business Achievement Award, Christopher Chuku Memorial Scholarship, and Outstanding Scholar-Athlete Award.

**DEGREE PROGRAMS**

The degree programs in the School of Business lead to a Bachelor of Arts degree in Business Administration and provide for a broad education as well as a reasonable amount of specialization. In accordance with the standards of the American Assembly of Collegiate Schools of Business, the School requires that a significant part of a student's academic program be in general education subjects. These courses are then complemented by (1) courses in basic areas of business administration that collectively constitute a common body of knowledge of business and (2) a specialization of courses in a functional area of business. *The Bachelor of Arts degree in Business Administration is offered with specializations in Accounting, Business Administration, Economics, Management, and Marketing. The Bachelor of Arts degree in Business Administration with a specialization in Management and a minor in Manufacturing is offered in cooperation with the Department of Industrial Technology in the University's Community College.*

**POLICIES GOVERNING THE DEGREE PROGRAM**

**Academic Advisement:** Each student is assigned an advisor who is available at any time to assist with the scheduling process or with any other concerns the student may have.

**Degree Requirements:** Students in the School of Business are responsible for planning, in cooperation with their advisor, their own programs and for meeting degree requirements. Requests for deviation from School of Business or University requirements may be granted only upon written approval from the Dean of the School of Business or the Vice President for Academic Affairs or their respective representatives. In addition to satisfying course requirements, students in the School of Business must complete a senior comprehensive examination.

**Transfer Credit Policy:** Students who transfer credits from other colleges and universities to substitute for business courses must have these transfer credits approved by the Dean of the School of Business. Kentucky State University's transfer of credits policy and



procedures are explained in the Transfer of Credits section of this Catalogue.

**Hour Requirements:** The minimum number of semester credit hours required for the Bachelor of Arts degree in Business Administration is 128.

THE CURRICULA FOR MAJORS

The curricula of the School of Business consist essentially of four parts: (1) the Liberal Studies Requirements; (2) the basic business common-body-of-knowledge courses in Business Administration; (3) professional courses for specialization in Accounting, Business Administration, Economics, Management, or Marketing; and (4) support courses in Computer Science and Mathematics.

The Liberal Studies Requirements are described elsewhere in this Catalogue. The Social Science requirement of the Liberal Studies Requirements is normally met by choosing either ECO 200 or POS 101. Business students, however, must take ECO 211 in place of ECO 200 or POS 101.

BASIC BUSINESS  
COMMON-BODY-OF-KNOWLEDGE  
CURRICULUM

Number	Course Title	Hours
ACC 261	Principles of Accounting I	3
ACC 262	Principles of Accounting II	3
BUA 200	Computer Applications in Business	3
BUA 321	Legal Environment	3
BUA 330	Corporation Finance	3
BUA 304	Business Communications OR	
ENG 216	Technical Writing	3
COS 101	Fundamentals of Microcomputer Programming-BASIC	3
ECO 212	Principles of Economics II	3
ECO 311	Business Statistics I	3
ECO 312	Business Statistics II	3
ECO 321	Quantitative Methods of Decision Making	3
ECO 329	International Economics	3
ECO 411	Money and Banking	3
MAT 125	Linear Algebra and Differential Calculus with Business Applications	3
MGT 323	Principles of Management	3
MGT 490	Strategic Management	3
MKT 351	Principles of Marketing	3
Total Hours:		51

PROFESSIONAL COURSES FOR  
SPECIALIZATION

**Accounting:** The curriculum provides students with a general exposure to the primary areas of Accounting. Students completing the curriculum are eligible to begin careers in professional accounting.

Number	Course Title	Hours
ACC 361	Intermediate Accounting I	3
ACC 362	Intermediate Accounting II	3
ACC 462	Federal Income Taxation	3
ACC 481	Cost Accounting I	3
ACC 485	Advanced Accounting	3
ACC 490	Auditing	3
Total Hours:		18

**Business Administration:** This curriculum is for students who desire a broad business background without extensive specialization in any single field.

Number	Course Title	Hours
ACC 400	Managerial Accounting	3
ECO 424	Labor Economics	3
MGT 433	Personnel Administration	3
	*Professional Electives	9
Total Hours:		18

\*May be selected from OAD 230 or PSY 402; or from courses with prefixes of ACC, BUA, ECO, MGT, or MKT.

**Economics:** This curriculum offers specialized courses for those who desire to serve as economic analysts and specialists in business, education, government, and various international agencies. Students intending to pursue graduate programs in law, business, public administration, or economics will find that the Economics curriculum serves as an excellent foundation.

Number	Course Title	Hours
ECO 322	Microeconomics	3
ECO 323	Macroeconomics	3
ECO 420	History of Economic Thought	3
ECO 424	Labor Economics	3
ECO 425	Comparative Economic Systems	3
	*Professional Elective	3
Total Hours:		18

\*May be selected from those courses with prefixes of ACC, BUA, ECO, MGT, or MKT; or OAD 230.

**Management:** This specialization accommodates students whose interests include the preparation for entry into corporate management training positions, the application of behavioral science to management, the personnel function in both line and staff capacities, and managing a small business.

Number	Course Title	Hours
ACC 400	Managerial Accounting	3
ECO 424	Labor Economics	3
MGT 433	Personnel Administration	3
MGT 452	Transportation and Business Logistics	3
MGT 455	Production Management	3
MGT 460	Human Behavior in Organizations	3
Total Hours:		18

**Management with a Minor in Manufacturing:** A specialization in Management with a minor in Manufacturing is offered in cooperation with the Department of Industrial Technology. This program leads to the Bachelor of Arts degree in Business Administration with a specialization in Management and a minor in Manufacturing. The program accommodates students interested in a production-based management career with a curriculum combining traditional management concepts and a technically oriented preparation in Manufacturing Technology.

Number	Course Title	Hours
Business Courses:		
ACC 400	Managerial Accounting	3
ECO 424	Labor Economics	3
MGT 433	Personnel Administration	3
MGT 455	Production Management	3
MGT 460	Human Behavior in Organizations	3
Industrial Technology Courses:		
INT 101	Engineering Drafting I OR	
INT 141	Introduction to Metal Processes OR	
INT 142	Machine Tool Processing	3
INT 208	Computer-Aided Drafting I OR	
INT 213	Manufacturing	3
INT 243	Motion and Time Study	3
INT 246	Numerical Control Fundamentals	3
INT 248	Robotics I	3
INT 249	Quality Control	3
Total Hours:		33

**Marketing:** The Marketing curriculum provides a specialization of study for students planning careers in marketing research, advertising, retailing, or sales management.

Number	Course Title	Hours
ACC 400	Managerial Accounting	3
MGT 452	Transportation and Business Logistics	3
MKT 410	Marketing Communications	3
MKT 430	Marketing Research	3
MKT 440	Consumer Behavior	3
MKT 455	Sales Management	3
Total Hours:		18



**Suggested Curriculum**  
**BACHELOR OF ARTS IN BUSINESS ADMINISTRATION WITH**  
**A SPECIALIZATION IN BUSINESS ADMINISTRATION**  
**Total Hours: 128**

<b>FRESHMAN YEAR</b>			
<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>
ART 130 Intro. to Art OR		BUA 200 Computer Appl. Bus.	3
MUS 130 Intro. to Music	3	ENG 102 English Composition II	3
BIO 101 Life Science	3	HED 221 Personal Health/Fitness OR	
ENG 101 English Composition I	3	PHE P. E. Activity Courses	2
HIS 103 Western Civilization	3	MAT 125 Algebra/Calc.-Bus.Applic.	3
MAT 110 Interm. Algebra or above	3	PSY 200 General Psychology	3
	15	SPE 103 Interpersonal Commun.	3
			17

<b>SOPHOMORE YEAR</b>			
<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>
ACC 261 Prin. of Accounting I	3	ACC 262 Prin. of Accounting II	3
COS 101 Fund. of Micro. Prog/BASIC	3	ECO 212 Prin. of Economics II	3
*ECO 211 Prin. of Economics I	3	IGS 201 Converg/Reshape/Culture	3
ENG 211 Intro. to Literature	3	Foreign Language	3
IGS 200 Found. of Western Culture	3	**Natural Science	3
Foreign Language	3		15
	18		

<b>JUNIOR YEAR</b>			
<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>
BUA 321 Legal Environment	3	BUA 304 Business Commun. OR	3
BUA 330 Corporation Finance	3	ENG 216 Technical Writing	3
ECO 311 Business Statistics I	3	ECO 312 Business Statistics II	3
IGS 300 New Forms of Culture	3	ECO 321 Quantitative Methods	3
MGT 323 Prin. of Management	3	ECO 329 International Economics	3
MKT 351 Prin. of Marketing	3	***IGS 301, 302, 303, or 304	3
	18		15

<b>SENIOR YEAR</b>			
<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>
ACC 400 Managerial Accounting	3	MGT 433 Personnel Administration	3
ECO 411 Money and Banking	3	MGT 490 Strategic Management	3
ECO 424 Labor Economics	3	#Professional Electives	6
#Professional Elective	3	Elective	3
Elective	3		15
	15		

\*Satisfies the Liberal Studies Requirement for Social Sciences.  
 \*\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.  
 \*\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)  
 #May be selected from OAD 230 or PSY 402; or from courses with prefixes of ACC, BUA, ECO, MGT, or MKT.

**Suggested Curriculum**  
**BACHELOR OF ARTS IN BUSINESS ADMINISTRATION WITH**  
**A SPECIALIZATION IN ACCOUNTING**  
**Total Hours: 128**

Students selecting a specialization in Accounting will follow the freshman and sophomore year curriculum in Business Administration.

<b>JUNIOR YEAR</b>			
<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>
ACC 361 Interm. Accounting I	3	ACC 362 Interm. Accounting II	3
BUA 321 Legal Environment	3	BUA 304 Business Commun. OR	
ECO 311 Business Statistics I	3	ENG 216 Technical Writing	3
IGS 300 New Forms of Culture	3	ECO 312 Business Statistics II	3
MGT 323 Prin. of Management	3	ECO 321 Quantitative Methods	3
MKT 351 Prin. of Marketing	3	*IGS 301, 302, 303, or 304	3
	18		15

<b>SENIOR YEAR</b>			
<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>
ACC 462 Federal Income Taxation	3	ACC 490 Auditing	3
ACC 481 Cost Accounting I	3	ECO 329 International Economics	3
ACC 485 Advanced Accounting	3	MGT 490 Strategic Management	3
BUA 330 Corporation Finance	3	**Electives	6
ECO 411 Money and Banking	3		15
	15		

\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)  
 \*\*Accounting majors are strongly encouraged to take the electives in accounting courses in order to sit for the CPA examination. ACC 400 is not open to accounting majors.



**Suggested Curriculum**  
**BACHELOR OF ARTS IN BUSINESS ADMINISTRATION WITH**  
**A SPECIALIZATION IN ECONOMICS**  
**Total Hours: 128**

Students selecting a specialization in Economics will follow the freshman and sophomore year curriculum in Business Administration.

JUNIOR YEAR			
Fall	Hours	Spring	Hours
BUA 321 Legal Environment	3	BUA 304 Business Commun. OR	3
ECO 311 Business Statistics I	3	ENG 216 Technical Writing	3
ECO 322 Microeconomics	3	ECO 312 Business Statistics II	3
IGS 300 New Forms of Culture	3	ECO 321 Quantitative Methods	3
MGT 323 Prin. of Management	3	ECO 323 Macroeconomics	3
MKT 351 Prin. of Marketing	3	*IGS 301, 302, 303, or 304	3
	<u>18</u>		<u>15</u>

SENIOR YEAR			
Fall	Hours	Spring	Hours
BUA 330 Corporation Finance	3	ECO 329 International Economics	3
ECO 411 Money and Banking	3	ECO 425 Comparative Econ. Systems	3
ECO 420 Hist. Economic Thought	3	MGT 490 Strategic Management	3
ECO 424 Labor Economics	3	Electives	6
**Professional Elective	3		<u>15</u>
	<u>15</u>		

\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

\*\*May be selected from courses with prefixes of ACC, BUA, ECO, MGT, or MKT; or from OAD 230.

**Suggested Curriculum**  
**BACHELOR OF ARTS IN BUSINESS ADMINISTRATION WITH**  
**A SPECIALIZATION IN MANAGEMENT**  
**Total Hours: 128**

Students selecting a specialization in Management will follow the freshman and sophomore year curriculum in Business Administration.

JUNIOR YEAR			
Fall	Hours	Spring	Hours
BUA 321 Legal Environment	3	BUA 304 Business Commun. OR	3
BUA 330 Corporation Finance	3	ENG 216 Technical Writing	3
ECO 311 Business Statistics I	3	ECO 312 Business Statistics II	3
IGS 300 New Forms of Culture	3	ECO 321 Quantitative Methods	3
MGT 323 Prin. of Management	3	ECO 329 International Economics	3
MKT 351 Prin. of Marketing	3	*IGS 301, 302, 303, or 304	3
	<u>18</u>		<u>15</u>

SENIOR YEAR			
Fall	Hours	Spring	Hours
ACC 400 Managerial Accounting	3	MGT 433 Personnel Administration	3
ECO 411 Money and Banking	3	MGT 455 Production Management	3
ECO 424 Labor Economics	3	MGT 460 Human Behav. in Organ.	3
MGT 452 Trans. & Bus. Logistics	3	MGT 490 Strategic Management	3
Elective	3	Elective	3
	<u>15</u>		<u>15</u>

\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)



**Suggested Curriculum**  
**BACHELOR OF ARTS IN BUSINESS ADMINISTRATION WITH**  
**A SPECIALIZATION IN MANAGEMENT AND A MINOR IN MANUFACTURING**  
**Total Hours: 143**

**FRESHMAN YEAR**

Fall		Hours	Spring		Hours
ART 130	Intro. to Art OR		ENG 102	English Composition II	3
MUS 130	Intro. to Music	3	HED 221	Personal Health/Fitness OR	
BIO 101	Life Science	3	PHE	P. E. Activity Courses	2
COS 101	Fund. of Micro. Prog/BASIC	3	MAT 125	Algebra/Calc.-Bus. Applic.	3
ENG 101	English Composition I	3	PSY 200	General Psychology	3
HIS 103	Western Civilization	3	SPE 103	Interpersonal Commun.	3
MAT 110	Interm. Algebra or above	3		*Natural Science	3
		18			17

**SOPHOMORE YEAR**

Fall		Hours	Spring		Hours
ACC 261	Prin. of Accounting I	3	ACC 262	Prin. of Accounting II	3
ECO 211	Prin. of Economics I	3	BUA 200	Computer Appl. Bus.	3
ENG 211	Intro. to Literature	3	ECO 212	Prin. of Economics II	3
IGS 200	Found. of Western Culture	3	IGS 201	Converg/Reshape/Culture	3
INT 101	Engineering Drafting I OR		INT 208	Comp-Aided Drafting I OR	
INT 141	Intro. to Metal Proc. OR		INT 213	Manufacturing	3
INT 142	Machine Tool Processing	3		Foreign Language	3
	Foreign Language	3			18
		18			

**JUNIOR YEAR**

Fall		Hours	Spring		Hours
BUA 321	Legal Environment	3	BUA 304	Business Commun. OR	
BUA 330	Corporation Finance	3	ENG 216	Technical Writing	3
ECO 311	Business Statistics I	3	ECO 312	Business Statistics II	3
IGS 300	New Forms of Culture	3	ECO 321	Quantitative Methods	3
MGT 323	Prin. of Management	3	ECO 329	International Economics	3
MKT 351	Prin. of Marketing	3	**IGS 301, 302, 303, or 304		3
		18	INT 246	Numerical Control	3
					18

**SENIOR YEAR**

Fall		Hours	Spring		Hours
ACC 400	Managerial Accounting	3	INT 249	Quality Control	3
ECO 411	Money and Banking	3	MGT 433	Personnel Administration	3
ECO 424	Labor Economics	3	MGT 455	Production Management	3
INT 243	Motion and Time Study	3	MGT 460	Human Behav. in Organ.	3
INT 248	Robotics I	3	MGT 490	Strategic Management	3
	Elective	3		Elective	3
		18			18

\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.  
\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures),  
or IGS 304 (The African-American Experience)

**Suggested Curriculum**  
**BACHELOR OF ARTS IN BUSINESS ADMINISTRATION WITH**  
**A SPECIALIZATION IN MARKETING**  
**Total Hours: 128**

Students selecting a specialization in Marketing will follow the freshman and sophomore year curriculum in Business Administration.

**JUNIOR YEAR**

Fall		Hours	Spring		Hours
BUA 321	Legal Environment	3	BUA 304	Business Commun. OR	
BUA 330	Corporation Finance	3	ENG 216	Technical Writing	3
ECO 311	Business Statistics I	3	ECO 312	Business Statistics II	3
IGS 300	New Forms of Culture	3	ECO 321	Quantitative Methods	3
MGT 323	Prin. of Management	3	ECO 329	International Economics	3
MKT 351	Prin. of Marketing	3	*IGS 301, 302, 303, or 304		3
		18			15

**SENIOR YEAR**

Fall		Hours	Spring		Hours
ACC 400	Managerial Accounting	3	MGT 452	Trans. and Bus. Logistics	3
ECO 411	Money and Banking	3	MGT 490	Strategic Management	3
MKT 410	Marketing Communications	3	MKT 455	Sales Management	3
MKT 430	Marketing Research	3		Electives	6
MKT 440	Consumer Behavior	3			15
		15			

\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures),  
or IGS 304 (The African-American Experience)



## PROGRAMS LEADING TO MINORS

The School of Business, in addition to its degree programs, offers programs that lead to minors in Accounting, Economics, Finance, Management, and Marketing. Any University baccalaureate degree-seeking student may pursue minors in the School of Business.

**Minor in Accounting:** Students electing a minor in Accounting should complete the following course sequence. As a prerequisite, students should have completed MAT 110 or its equivalent and ECO 200 or ECO 211.

Number	Course Title	Hours
ACC 261	Principles of Accounting I	3
ACC 262	Principles of Accounting II	3
ACC 361	Intermediate Accounting I	3
ACC 362	Intermediate Accounting II	3
ACC	*Elective	3
ECO 212	Principles of Economics II	3
Total Hours:		18

\*May be selected from courses with ACC prefix, excluding ACC 400.

**Minor in Economics:** Students electing a minor in Economics should complete the following course sequence. As a prerequisite, students should have completed MAT 110 or its equivalent and ECO 200 or ECO 211.

Number	Course Title	Hours
ECO 212	Principles of Economics II	3
ECO 311	Business Statistics I	3
ECO 322	Microeconomics	3
ECO 323	Macroeconomics	3
ECO 411	Money and Banking	3
ECO 424	Labor Economics	3
Total Hours:		18

**Minor in Finance:** Students electing a minor in Finance should complete the following course sequence. As a prerequisite, students should have completed MAT 110 or its equivalent and ECO 200 or ECO 211.

Number	Course Title	Hours
ACC 261	Principles of Accounting I	3
ACC 262	Principles of Accounting II	3
BUA 330	Corporation Finance	3
BUA 420	Financial Institutions and Markets	3
BUA 430	Investments	3
BUA 440	Personal Financial Planning	3
ECO 212	Principles of Economics II	3
Total Hours:		21

**Minor in Management:** Students electing a minor in Management should complete the following course sequence. As a prerequisite, students should have completed MAT 110 or its equivalent and ECO 200 or ECO 211.

Number	Course Title	Hours
ACC 261	Principles of Accounting I	3
ACC 262	Principles of Accounting II	3
ECO 212	Principles of Economics II	3
MGT 323	Principles of Management	3
MGT 433	Personnel Administration	3
MGT 460	Human Behavior in Organizations	3
MGT	*Elective OR	3
PSY 402	Industrial Psychology	3
Total Hours:		21

\*May be selected from any course with an MGT prefix.

**Minor in Marketing:** Students electing a minor in Marketing should complete the following course sequence. As a prerequisite, students should have completed MAT 110 or its equivalent and ECO 200 or ECO 211.

Number	Course Title	Hours
ACC 261	Principles of Accounting I	3
ACC 262	Principles of Accounting II	3
ECO 212	Principles of Economics II	3
MGT 323	Principles of Management	3
MKT 351	Principles of Marketing	3
MKT 410	Marketing Communications	3
MKT 420	Marketing Management	3
Total Hours:		21



# THE COMMUNITY COLLEGE

*"... opportunity should be equal for all who wish to learn  
and that learning is a lifelong process unconfined  
to one's youth or to campus classrooms."*

—K. Patricia Cross and John R. Valley

The Community College provides open access to anyone who wishes to enroll in courses as a non-degree student; however, admission to associate and baccalaureate programs is governed by the policies and procedures stated in this Catalogue.

Kentucky State University's Community College is charged with six major responsibilities: 1) to initiate and administer those University associate degree programs and certificate programs of an occupational and technical nature which do not have an associated baccalaureate degree program; 2) to administer the Associate of Arts in Liberal Studies program; 3) to accommodate the needs of non-traditional students by establishing evening, weekend, off-campus, and Kentucky Educational Television (KET) courses; 4) to work closely with state employees and residents of the University's service area in order to meet their learning needs; 5) to meet the learning needs of students not yet able to enter associate or baccalaureate degree programs of the University; and 6) to cooperate with area high schools by providing opportunities for qualified high school students to participate in a dual credit program whereby the student may earn both high school and college credit for college-level coursework.

The six associate degree programs administered by the Community College are an Associate of Arts in Liberal Studies and the Associate in Applied Science in Drafting and Design Technology, in Electronics Technology, in Manufacturing Technology, in Nursing, and in Office Administration.

Each of the associate degree programs includes a liberal studies component, specialized support courses, and a required core of courses in the major area of specialization.

The Office of the Dean of the Community College serves students in a variety of ways. It provides advisement to non-degree, part-time, and non-traditional students and administers the College Connection Scholarship program, the Senior Citizen Tuition Waiver, and Kentucky State University's Employee Tuition Assistance program.

In addition, the office of the Dean administers the Community College Scholarship program. This pro-

gram enables eligible part-time students to receive a 10 percent tuition reduction for each course in which the student earns a final grade of "A." The reduction will apply to the student's tuition for the next academic term. A part-time student may only receive a tuition reduction under the following conditions as follows:

1. The student is not receiving any state/federal financial aid, state tuition assistance/reimbursement, or Kentucky State University Employee Tuition Assistance;
2. The student continues in a part-time status in the next academic term;
3. The course in which the grade of "A" was earned must have been in a regular course (not an internship or field experience); and
4. The eligible student must REQUEST the scholarship and provide proof of eligibility at the time of registration. A student who preregisters must provide such evidence and complete a Tuition Waiver form prior to the beginning of late registration.

Information about these tuition reduction programs may be obtained from the Community College office.

The Community College administers community outreach programs. These include the College Connection Program, which grants college credit to qualified high school students completing college courses in their high schools; the college credit telecourses offered by KET; the Early Admissions Program, which permits qualified high school students to take regular on-campus or off-campus University courses for college credit; and the Credit for Life Experience Program, which permits students to earn college credit upon completion of a documented portfolio of experiential learning. (The Credit for Life Experience Program is discussed in detail in this Catalogue.) The Community College also has the responsibility for the coordination of all non-credit courses and special learning activities, including short courses, workshops, seminars, etc.

## THE DEPARTMENT OF DEVELOPMENTAL STUDIES

The Department of Developmental Studies at Kentucky State University is an academic unit of the University's Community College. Developmental Studies provide an opportunity for students to acquire those skills and abilities necessary to meet the required admission standards for associate and baccalaureate degree programs.

### CRITERIA FOR ADMISSION TO DEVELOPMENTAL STUDIES

Students who do not meet the minimum requirements for admission to the University as baccalaureate degree-seeking or associate degree-seeking students, described in the section on Admission to the University in this Catalogue, will be admitted to the Community College. Baccalaureate and associate degree-seeking students who do not achieve the requisite minimum scores on the University's placement tests (English, mathematics, and reading) will be required to take a prescribed sequence of Developmental Studies courses. Enrollment in these courses does not interfere with the student's eligibility for financial aid.

#### Form A: Developmental Studies

"Form A" students who do not make the minimum score in two or more of the University's placement tests (English, mathematics, or reading) will be required to take the "Form A" sequence of Developmental Studies courses. These courses are preparatory and do not count toward any University degree requirements. However, DES courses carry college credit and are calculated as part of the student's cumulative grade-point average.

A student who is assigned to "Form A" must take DES 080 (Orientation), DES 081 (Communication Arts I—Composition), DES 083 (Communication Arts III—Oral Communication), DES 085 (Communication Arts V—Reading), and MAT 099 (Fundamentals of Mathematics) during the fall semester. If the student makes a grade of "C" or above in DES 080, 081, 083, and 085 and in MAT 099, the student will take DES 082 (Communication Arts II—Composition), DES 084 (Communication Arts IV—Oral Communication), DES 086 (Communication Arts VI—Reading), SCI 095 (Science Process Skills), and MAT 110 (Intermediate Algebra), respectively, during the spring semester.

#### Form B: Developmental Studies

"Form B" students are those whose placement test results are below the minimum score for placement in only one of the areas of English, mathematics, or reading. A "Form B" student, depending upon reading placement scores, is required to take DES 080 (Orientation) or ENG 097 (College Study Strategies I) in the student's first semester and SCI 095 (Science Process Skills) and ENG 098 (College Study Strategies II) in the student's second semester.

### SUCCESSFUL COMPLETION OF DEVELOPMENTAL STUDIES

#### Form A: Developmental Studies

"Form A" students have three full academic semesters to successfully complete all "Form A" coursework. Upon successful completion of 30 semester credit hours of coursework, including all Developmental Studies courses with a 2.5 grade-point average or above, a "Form A" student will exit Developmental Studies and may transfer to a University baccalaureate degree program. If the 30 semester credit hour requirement and 2.5 grade-point average are not met, the "Form A" student will be transferred to the Community College until the requisite minimum semester credit hours and grade-point average are met.

#### Form B: Developmental Studies

"Form B" students must complete a minimum of 30 semester credit hours of coursework with a 2.5 grade-point average or above in order to transfer to a University baccalaureate degree program. If the 30 semester credit hour requirement and 2.5 grade-point average are not met, the "Form B" student will be transferred to the Community College until the requisite minimum semester credit hours and grade-point average are met.

### ACADEMIC PROGRESS AND CLASS ATTENDANCE

Developmental Studies students are required to make satisfactory academic progress as demonstrated by semester course grades. Students must adhere to attendance standards as prescribed in the University Catalogue. Failure to comply with University requirements will affect a student's grades and academic progress, which could jeopardize the student's eligibility for financial aid.

## THE DEPARTMENT OF INDUSTRIAL TECHNOLOGY



The Department of Industrial Technology offers occupational and technical programs that lead to Associate in Applied Science degrees in Drafting and Design Technology, Electronics Technology, and Manufacturing Technology. These programs are designed to address (1) the technical needs of students who seek preparation for or a change in industrial employment, (2) the in-service needs of technicians who seek to improve their technical knowledge and skills to keep pace with changing technology in industry, and (3) the needs of those who desire personal enrichment or orientation by taking courses in these areas.

The Department of Industrial Technology may grant eligible students academic credit through an articulation agreement with the State Office of Vocational Education for coursework previously taken through postsecondary state vocational education institutions in Kentucky when these courses are similar in content and learning outcomes and exceed the number of contact hours for courses taught at Kentucky State University. For complete information, students who wish to determine their eligibility for transferring academic credit should contact the Chairperson for the Department of Industrial Technology.

### DRAFTING AND DESIGN TECHNOLOGY

The Drafting and Design Technology program at Ken-

tucky State University prepares students to function as technicians in manufacturing, construction, architectural and engineering firms, and in governmental agencies. Students are educated to understand industry standards, develop modern high-technology skills, and integrate or apply their knowledge through supervised visits to industrial manufacturing sites.

The courses required for earning an associate degree in Drafting and Design Technology are in three basic categories: liberal studies for the development of critical skills in English composition, technical writing, mathematics, and the natural, behavioral, or social sciences; Drafting and Design Technology core courses for developing skills useful in today's highly technical occupations such as computer-aided drafting, manufacturing, and industrial materials; and a course in computer science to ensure that graduates are familiar with computer capabilities.

A minimum of 64 semester credit hours is required for the Associate in Applied Science degree in Drafting and Design Technology. Required Industrial Technology courses are INT 101, 102, 104, 113 or 141, 201, 202, 203 or 211, 208, 209 or 210, 213 or 246 or 249, and 248. The remaining courses include COS 101; ENG 101, 102, and 216; MAT 110 and 120; PHS 201 or PHY 111; PSY 200 or SOC 203; SPE 103; and 3 semester credit hours of free electives.



**Suggested Curriculum**  
**ASSOCIATE IN APPLIED SCIENCE IN DRAFTING AND DESIGN TECHNOLOGY**  
**Total Hours: 64**

		FIRST YEAR			
Fall		Hours	Spring		Hours
ENG 101	English Composition I	3	COS 101	Fund. of Micro. Prog/BASIC	3
MAT 110	Interm. Algebra or above	3	ENG 102	English Composition II	3
INT 101	Engineering Drafting I	3	INT 102	Engineering Drafting II	3
INT 113	Indust. Tech. Orient. OR		INT 104	Descriptive Geometry	3
INT 141	Intro. to Metal Processes	3	MAT 120	Precalculus	4
SPE 103	Interpersonal Commun.	3			<hr/>
		<hr/>			16
		15			

		SECOND YEAR			
Fall		Hours	Spring	Hours	
INT 201	Architectural Drafting	3	ENG 216	Technical Writing	3
INT 202	Technical Illustration	3	INT 203	Civil Drafting OR	
INT 208	Computer-Aided Drafting I	3	INT 211	Fund. of Tool Design	3
INT 248	Robotics I	3	INT 209	Indust. Tech. Commun. OR	
PHS 201	Physical Sciences I OR		INT 210	Computer-Aided Drafting II	3
PHY 111	Intro. to Physics I	3	INT 213	Manufacturing OR	
	Elective	3	INT 246	Numerical Cont. Fund. OR	
		<hr/> 18	INT 249	Quality Control	3
			PSY 200	General Psychology OR	
			SOC 203	Prin. of Sociology	3
					<hr/> 15

**ELECTRONICS TECHNOLOGY**

The Electronics Technology program at Kentucky State University is designed for students who desire to seek a career in electronics technology or who are employed as technicians in positions related to electronics technology, such as basic electrical assemblers, electrical equipment installers, component testers, commercial electrician apprentices and electrical appliance technicians. Students develop other skills associated with electronics through laboratory experience and course lectures in hydraulics, pneumatics, and robotics.

The courses required for earning an associate degree in Electronics Technology are in three basic categories: liberal studies for the development of critical skills in English composition, technical writing, mathematics,

and the natural, behavioral, or social sciences; Electronics Technology core courses for developing a fundamental understanding of electrical circuitry, solid state electronics, motors and controls, and industrial materials; and a course in computer science to ensure that graduates are familiar with computer capabilities.

A minimum of 64 semester credit hours is required for the Associate in Applied Science degree in Electronics Technology. Required Industrial Technology courses are INT 101, 113 or 141, 124, 126, 128, 208, 213 or 253, 225 or 227, 228 or 229, 248, and 249 or 250. The remaining courses include COS 101; ENG 101, 102, and 216; MAT 110 and 120; PHS 201 or PHY 111; PSY 200 or SOC 203; SPE 103; and 3 semester credit hours of free electives.

**Suggested Curriculum**  
**ASSOCIATE IN APPLIED SCIENCE IN ELECTRONICS TECHNOLOGY**  
**Total Hours: 64**

FIRST YEAR					
Fall		Hours	Spring		Hours
ENG 101	English Composition I	3	COS 101	Fund. of Micro. Prog/BASIC	3
INT 101	Engineering Drafting I	3	ENG 102	English Composition II	3
INT 113	Ind. Tech. Orient. OR		INT 126	Motors and Controls	3
INT 141	Intro. to Metal Proc.	3	INT 128	Solid State Devices	3
INT 124	Basic Electricity (AC/DC)	3	MAT 120	Precalculus	4
MAT 110	Interm. Algebra or above	3			
		<hr/>			<hr/>
		15			16

		SECOND YEAR			
Fall		Hours	Spring		Hours
INT 208	Computer-Aided Drafting I	3	ENG 216	Technical Writing	3
INT 213	Manufacturing OR		INT 228	Pulse Circuits & Servos OR	
INT 253	Hydraulics/Pneumatics	3	INT 229	Programmable Logic Ctrls.	3
INT 225	Reg/Oscil/Lin. Devices OR		INT 249	Quality Control OR	
INT 227	Elec. Logic/Micro Proc.	3	INT 250	Robotics II	3
INT 248	Robotics I	3	PSY 200	General Psychology OR	
PHS 201	Physical Sciences I OR		SOC 203	Prin. of Sociology	3
PHY 111	Intro. to Physics I	3	SPE 103	Interpersonal Commun.	3
	Elective	3			
		<hr/> 18			<hr/> 15

## MANUFACTURING TECHNOLOGY

The Manufacturing Technology program at Kentucky State University prepares students to function as technicians in industry and in government.

The courses required for earning an associate degree in Manufacturing Technology are in three basic categories: liberal studies for the development of critical skills in English composition, technical writing, mathematics, and the natural, behavioral, or social sciences; Manufacturing Technology core courses for developing a practical understanding of robotics, manufacturing, numerical control machining, computer-aided drafting, computer integrated-

manufacturing, and quality control; and a course in computer science to ensure that graduates are familiar with computer capabilities.

A minimum of 64 semester credit hours is required for the Associate in Applied Science degree in Manufacturing Technology. Required Industrial Technology courses are INT 101, 102, 124, 141 or 142, 208, 213, 243, 246 or 250, 248, 249, and 253 or 263. The remaining courses include are COS 101; ENG 101, 102, and 216; MAT 110 and 120; PHS 201 or PHY 111; PSY 200 or SOC 203; SPE 103; and 3 semester credit hours of free electives.

### Suggested Curriculum

#### ASSOCIATE IN APPLIED SCIENCE IN MANUFACTURING TECHNOLOGY

Total Hours: 64

##### FIRST YEAR

Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	COS 101 Fund. of Micro. Prog/BASIC	3
INT 101 Engineering Drafting I	3	ENG 102 English Composition II	3
INT 124 Basic Electricity (AC/DC)	3	INT 102 Engineering Drafting II	3
INT 141 Intro. to Metal Proc. OR		MAT 120 Precalculus	4
INT 142 Machine Tool Processing	3	SPE 103 Interpersonal Commun.	3
MAT 110 Interm. Algebra or above	3		16
	15		

##### SECOND YEAR

Fall	Hours	Spring	Hours
INT 208 Computer-Aided Drafting I	3	ENG 216 Technical Writing	3
INT 213 Manufacturing	3	INT 246 Numerical Control Fund. OR	3
INT 243 Motion & Time Study	3	INT 250 Robotics II	3
INT 248 Robotics I	3	INT 249 Quality Control	3
INT 253 Hydraulics/Pneumatics OR		PSY 200 General Psychology OR	3
INT 263 Plant Layout	3	SOC 203 Prin. of Sociology	3
PHS 201 Physical Sciences I OR		Elective	3
PHY 111 Intro. to Physics I	3		15
	18		

## MANUFACTURING MINOR

A minor in Manufacturing is available to Business Administration students who choose Management as their area of specialization. This minor is offered in cooperation with the School of Business. It is a component of the curriculum designed for those students who seek the Bachelor of Arts degree in Business Administration and a production-based career that com-

bines management concepts with technically-oriented preparation in manufacturing technology. Minimum requirements for this minor are INT 243, 246, 248, and 249 (12 semester credit hours); INT 101, 141, or 142 (3 semester credit hours); and INT 208 or 213 (3 semester credit hours). These and other requirements for the program are detailed in the School of Business section of this Catalogue.

## THE DEPARTMENT OF NURSING

The Associate in Applied Science in Nursing program at Kentucky State University is accredited by the National League of Nursing and approved by the Kentucky Board of Nursing. Upon successful completion of the associate degree program and successful completion of the National Council Licensure Examination-R.N., students qualify to practice as licensed registered nurses in Kentucky.

The curriculum is divided into liberal studies, support, and Nursing components. The liberal studies and support course components comprise approximately one-half of the total semester credit hours and focus on the development of critical skills in English composition, mathematics, and the acquisition of basic knowledge in the biological, behavioral, and social sciences. The Nursing component concentrates on nursing concepts and clinical practice.

A minimum of 73 semester credit hours is required for the Associate in Applied Science degree in Nursing. Required Nursing courses are NUR 101, 102, 201, 202, and 203. The remaining requirements are BIO 107, 108, and 204; EDU 221; ENG 101 and 102; FNU 104; MAT 110; PSY 200; SOC 203; and 3 semester credit hours of free electives. Students must receive a grade of "C" or above in all courses required in the nursing curriculum.

Oral communication competency is fulfilled through the completion of Nursing classroom activities, on-campus Nursing laboratory experiences, and clinical assignments. Each emphasizes the use of verbal and non-verbal communication skills.

The Department of Nursing is responsible for all components of the program, including the selection, supervision and evaluation of Nursing students, and the curriculum — both instructional and clinical.

The Nursing curriculum ladder is the recommended sequence of liberal studies, support, and Nursing courses. As stated, it applies only to the student who is directly admitted into the program and expects to be enrolled full-time for two years and who successfully completes all courses as they are listed.

The Department of Nursing has developed course schedules for students who must work while pursuing a Nursing degree. Students may obtain a degree in Nursing by attending classes in the daytime or the evening, whichever meets individual needs. Students attending the evening sessions are required to complete the liberal studies courses before enrolling in the NUR 101 (Nursing I).

### Admission Requirements

Admission to the Associate in Applied Science in Nursing program requires that an applicant have a

minimum Enhanced ACT composite score of 21 or a minimum composite score of 19 on a previous edition of the ACT. The applicant must have attained a minimum Enhanced ACT score of 21 on the English, Mathematics, and Social Studies subtests (or 19 on a previous edition of the ACT for each subtest) or scored above the remedial level on the University's placement tests for these areas. In addition, the student must have a minimum cumulative grade-point average of 2.0 in high school coursework and in any previous college/university coursework taken. In addition, applicants must be certified in cardiopulmonary resuscitation prior to enrolling in NUR 101 (Nursing I). Applicants who have been convicted of a misdemeanor or felony should contact the Chairperson for the Department of Nursing or the Kentucky Board of Nursing at the time of application for admission to the Nursing program.

The Department of Nursing welcomes licensed practical nurses who are seeking to further their education. Licensed practical nurses may be admitted, as any other students, following the admission criteria above; however, the Licensed Practical Nurse must submit a copy of his or her current license and an official transcript from the practical nursing program. Licensed practical nurses may be exempted from taking NUR 101 (Nursing I) by successfully completing the PEP Fundamentals of Nursing Examination and a nursing skills test administered by the Department of Nursing. A minimum score of 50 is required on the PEP, and a satisfactory performance is required on the nursing skills test as determined by the Department of Nursing.

In addition to complying with the University's admission procedures, the prospective Nursing student who plans to enter the Nursing program must complete and forward the following to the Chairperson, Department of Nursing, Kentucky State University, Frankfort, Kentucky 40601: an Application for Admission to the Department of Nursing, transcripts of high school work and any previous college/university coursework, and ACT scores. The deadline for receipt of this information by the Department of Nursing for fall semester is May 30th of each year.

Applicants not admitted to the Nursing program may be admitted to Kentucky State University's Community College as Pre-Nursing students. Pre-Nursing students will be evaluated for admission to the Nursing program after they have completed with a grade of "C" or above each of the following courses: ENG 101 and 102; BIO 107, 108, and 204; FNU 104; and MAT 110.



**Re-admission**

After any interruption of studies at Kentucky State University, a Nursing student may be required to audit some classes that were previously taken. Also, any student whose Nursing studies have been interrupted for one semester or more must demonstrate sufficient recall of concepts and information from prior courses before a decision on re-admission is made.

**Expenses**

Nursing students pay the same general fees and tuition as do other students at the University. However, students in the Nursing program incur additional expenses for uniforms, caps, name pin, nursing emblem, liability insurance, bandage scissors, white nurse's shoes, white hosiery, wrist watch with sweep hand, and testing, laboratory, and travel fees.

**Suggested Curriculum**  
**ASSOCIATE IN APPLIED SCIENCE IN NURSING**  
**Total Hours: 73**

<b>FIRST YEAR</b>			
<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>
BIO 107 Anatomy & Physiology I	4	BIO 108 Anatomy & Physiology II	4
ENG 101 English Composition I	3	ENG 102 English Composition II	3
MAT 110 Interm. Algebra or above	3	NUR 102 Nursing II	8
NUR 101 Nursing I	8	PSY 200 General Psychology	3
	<hr/> 18		<hr/> 18
<b>SECOND YEAR</b>			
<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>
BIO 204 Fund. of Microbiology	3	NUR 202 Nursing IV	10
EDU 221 Human Growth: Life Span Development	3	NUR 203 Nursing V	2
FNU 104 Basic Nutrition	3	SOC 203 Prin. of Sociology	3
NUR 201 Nursing III	10	Elective	3
	<hr/> 19		<hr/> 18

## OTHER ASSOCIATE DEGREE PROGRAMS

**LIBERAL STUDIES**

A student may pursue an Associate of Arts degree in Liberal Studies through the Whitney M. Young, Jr. College of Leadership Studies or the Community College. Details on the program administered by the Whitney M. Young, Jr. College of Leadership Studies may be found in the Whitney M. Young, Jr. College of Leadership Studies section of this Catalogue. The Associate of Arts degree in Liberal Studies under the jurisdiction of the Community College is described here.

The associate degree program in Liberal Studies is designed for students who wish to obtain a broad introductory educational experience in the arts, letters, and sciences or intend to complete a baccalaureate degree at a four-year institution of higher education. The program is designed as a transfer program, although the skills and knowledge acquired through it may be useful in a variety of occupations and careers. The program concentrates on the acquisition of knowledge and the development of critical thinking

and writing skills through the study of required courses in mathematics and natural sciences, fine arts and humanities (history, music, literature, language, and philosophy), and the behavioral and social sciences. Certain business and technical course offerings may be used as part of the elective series for the program. The Community College works closely with Liberal Studies students to plan their transfers to baccalaureate degree programs at Kentucky State University or other institutions of higher education.

A minimum of 65 semester credit hours is required for the completion of the program in Liberal Studies. Required courses are ART 130 or MUS 130; BIO 101; ECO 200 or POS 101; ENG 101, 102, and 211; 6 semester credit hours of foreign language; HED 221 or PHE Activity Courses; HIS 103; IGS 200 and 201; MAT 110; PHI 200; PSY 200 or SOC 203; SPE 103; 15 semester credit hours of advised electives at the 100/200-level; and 3 semester credit hours of natural science selected from BIO 112, CHE 109, PHY 111, or PHS 201.

Suggested Curriculum  
ASSOCIATE OF ARTS IN LIBERAL STUDIES  
through the Community College  
Total Hours: 65

FIRST YEAR			
Fall	Hours	Spring	Hours
BIO 101 Life Science	3	ART 130 Intro. to Art OR	3
ENG 101 English Composition I	3	MUS 130 Intro. to Music	3
HIS 103 Western Civilization	3	ENG 102 English Composition II	3
MAT 110 Interm. Algebra or above	3	HED 221 Personal Health/Fitness OR	2
*Elective 100/200-level	3	PHE P.E. Activity Courses	3
	15	SPE 103 Interpersonal Commun.	3
		*Elective 100/200-level	3
		**Natural Science	3
			17

SECOND YEAR			
Fall	Hours	Spring	Hours
IGS 200 Found. of Western Culture	3	ECO 200 Survey of Economics OR	3
PHI 200 Intro. to Philosophy	3	POS 101 American Government	3
PSY 200 General Psychology OR	3	ENG 211 Intro. to Literature	3
SOC 203 Prin. of Sociology	3	IGS 201 Converge/Reshape/Cultures	6
*Elective 100/200-level	3	*Electives 100/200-level	3
Foreign Language	3	Foreign Language	3
	15		18

\*With approval of the student's advisor, the student must select 15 semester credit hours of advised electives from two or more of the following areas at the 100/200-level.

- Arts and Humanities
- Behavioral and Social Sciences
- Business and Technical Courses
- Mathematics and Natural Sciences

No more than 9 semester credit hours may be selected from any one of the above-mentioned areas.

\*\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

OFFICE ADMINISTRATION

The University's program in Office Administration is designed for students who wish to become practicing office professionals. The program emphasizes the development of major skills, attitudes, and knowledge needed by office professionals for success in today's highly technological offices. Successful completion of this program prepares students for positions as administrative assistants, executive secretaries, word processing supervisors, and office managers.

The program is designed to provide students with a basic knowledge of accounting, psychology, business

organizations, fundamental office skills, sophisticated office equipment and technology, and modern office management. A minimum of 66 semester credit hours is required for the completion of the program. The curriculum includes a strong liberal studies component and a core of professional and support courses.

Required courses are OAD 103, 104, 121, 219, 220, 222, 224, 225, 230, 231, and 242. The remaining requirements are ACC 261, COS 101, ECO 200, ENG 101 and 102, MAT 110, PSY 200 or SOC 203, SPE 103, and 9 semester credit hours of advised electives.

Articulation Agreement

Through an articulation agreement with the state Office of Vocational Education, the Office Administration Program also offers eligible students the opportunity to gain academic credit for coursework previously taken through postsecondary vocational education institutions in the state of Kentucky. Such coursework, which is similar in content and learning outcomes and exceeds the number of contact hours for courses taught at Kentucky State University, may be covered by the articulation agreement. Students who wish to assess their eligibility for articulating academic credit should contact the Community College.

Credit for the Certified Professional Secretaries' (CPS) Designation

Persons successfully completing the Certified Professional Secretaries (CPS) exam and maintaining current CPS designation will be awarded 18 semester credit hours for the following courses: ACC 261; ECO 211; and OAD 121, 220, 222, and 242. To be awarded this credit, the student must be an official associate degree-seeker in Office Administration and have completed at least 12 semester credit hours of courses as prescribed in the Office Administration curriculum. For more information, contact the Community College.

Suggested Curriculum  
ASSOCIATE IN APPLIED SCIENCE IN OFFICE ADMINISTRATION  
Total Hours: 66

FIRST YEAR			
Fall	Hours	Spring	Hours
ENG 101 English Composition I	3	COS 101 Fund. of Micro. Prog/BASIC	3
MAT 110 Interm. Algebra or above	3	ENG 102 English Composition II	3
*OAD 103 Typing I	3	OAD 104 Typing II	3
OAD 121 Intro. to Business	3	PSY 200 General Psychology OR	3
OAD 219 Machine Transcription	3	SOC 203 Prin. of Sociology	3
	15	SPE 103 Interpersonal Commun.	3
			15

SECOND YEAR			
Fall	Hours	Spring	Hours
ACC 261 Prin. of Accounting I	3	OAD 220 Commun. for the Office	3
ECO 200 Survey of Economics	3	OAD 222 Office System Procedures	3
OAD 224 Information Records Mgt.	3	OAD 225 Electronic Applic. in Math	3
*OAD 230 Word Processing	3	OAD 231 Information Processing	3
**Elective 100/200-level	6	OAD 242 Office Management	3
	18	**Elective 100/200-level	3
			18

\*Students satisfying the outcome criteria for OAD 103 and/or OAD 230 may take general education electives with approval of the student's advisor.

\*\*With approval of the student's advisor, the student must select 3 semester credit hours of advised electives from each of the following areas at the 100/200-level.

- Arts and Humanities
- Behavioral and Social Sciences
- Mathematics and Natural Sciences



# THE GRADUATE CENTER/ THE SCHOOL OF PUBLIC AFFAIRS

*The primary duty of organized society is to enlarge the lives  
and increase the standards of living of all the people.*

—Herbert Hoover

### INTERINSTITUTIONAL GRADUATE PROGRAMS

The Graduate Center at Kentucky State University is responsive to the many demonstrated needs and requests for expanded graduate education in the Kentucky State University service area. The Graduate Center is dedicated to the expansion and improvement of graduate education in Central Kentucky.

The major focus of the Interinstitutional Graduate Center is to offer graduate courses and degrees. Offerings have included Community Nutrition, Computer Science, Criminal Justice, Elementary Education, Public Administration, and Social Work. Based upon demonstrated demand and need, other courses and complete degree programs may be offered through the Graduate Center.

### THE SCHOOL OF PUBLIC AFFAIRS

The School of Public Affairs was established in 1973. The School of Public Affairs offers a Bachelor of Arts degree in Public Administration and a Master of Public Administration degree. As an interdisciplinary school, its faculty members represent different disciplinary backgrounds. These include political science, economics, sociology, social work, psychology, computer science, law, and public administration.

The School of Public Affairs has been a member of the National Association of Schools of Public Affairs and Administration (NASPAA) since 1973. The two degree programs reflect NASPAA standards for such professional degree programs.

The study of Public Administration primarily prepares students for career employment in the public sector, including local, state, and federal government agencies, as supervisors, managers, and decision-makers. In addition, the graduates of the public administration program may be eligible for employment in similar capacities in the non-profit and private sectors.

The University's programs in Public Administration

are designed to endow students with practical abilities in problem-solving, program analysis, and implementation. The structure of the academic programs is based on the premise that the Public Administration student should possess skills adaptable to varied tasks and employment settings.

### BACHELOR OF ARTS DEGREE IN PUBLIC ADMINISTRATION

The liberal studies education at Kentucky State University is characterized by intellectual breadth and depth. Students working toward a Bachelor of Arts degree in Public Administration pursue a curriculum that includes exposure to the substantive approach and insight of different disciplines. The curriculum includes intensive training in analytical techniques and offers in-depth education in social sciences related to the management of public services.

A student is required to complete a minimum of 128 semester credit hours, including university-wide liberal studies requirements (53-54 semester credit hours). The other requirements include the completion of 39 semester credit hours of Public Administration courses (PUA 170, 181, 202, 203, 301, 303, 304, 322, 400, 401, 402, 491, and 499); one Political Science course (POS 101) and two Economics courses (ECO 211 and 212).

The remaining 26 semester credit hours may be taken in a minor and/or free electives.

### MINOR IN PUBLIC ADMINISTRATION

The School of Public Affairs also offers a minor in Public Administration. This program is available to any student pursuing a baccalaureate degree at Kentucky State University. A student selecting a minor in Public Administration is required to complete PUA 170, 181, 303, and 402. In addition the student must complete 6 semester credit hours of 300/400-level courses in Public Administration to be selected in consultation with the student's advisor. Total semester credit hours for a minor are 18.

### Suggested Curriculum BACHELOR OF ARTS IN PUBLIC ADMINISTRATION Total Hours: 128

#### FRESHMAN YEAR

Fall	Hours	Spring	Hours
BIO 101 Life Science	3	ART 130 Intro. to Art OR	
ENG 101 English Composition I	3	MUS 130 Intro. to Music	3
HIS 103 Western Civilization	3	ENG 102 English Composition II	3
MAT 110 Interm. Algebra or above	3	SPE 103 Interpersonal Commun.	3
	3	Foreign Language	3
	15	*Natural Science	3
			15

#### SOPHOMORE YEAR

Fall	Hours	Spring	Hours
ENG 211 Intro. to Literature	3	ECO 211 Prin. of Economics I	3
HED 221 Personal Health/Fitness OR		IGS 201 Converge/Reshape/Culture	3
PHE P. E. Activity Courses	2	PSY 200 General Psychology OR	
IGS 200 Found. of Western Culture	3	SOC 203 Prin. of Sociology	3
POS 101 American Government	3	PUA 181 Contemp. Pub. Pol. Issues	3
PUA 170 Public Sector Management	3	PUA 203 Intro/Stat. for Pub. Adm.	3
PUA 202 Computer Applications in the Public Sector	3	PUA 301 Public Budget. Processes	3
	17		18

#### JUNIOR YEAR

Fall	Hours	Spring	Hours
ECO 212 Prin. of Economics II	3	**IGS 301, 302, 303, or 304	3
IGS 300 New Forms of Culture	3	PUA 304 Comparative Admin. and Policies	3
PUA 303 Research Meth. Pub. Adm. Minor Courses	6	PUA 322 Mgt. Information Systems	3
	15	Elective 300/400-level	3
		Minor Courses	6
			18

#### SENIOR YEAR

Fall	Hours	Spring	Hours
PUA 400 Policy Analysis and Program Evaluation	3	PUA 499 Senior Seminar	3
PUA 401 Organ. Behavior and the Bureaucratic Structure	3	Electives	6
PUA 402 Human Resources Management in the Public Sector	3	Minor Courses 300/400-level	6
PUA 491 Internship	3		15
Elective OR			
Minor Course 300/400-level	3		
	15		

\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.  
\*\*IGS 301 (Studies in African Culture), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

# THE MASTER OF PUBLIC ADMINISTRATION PROGRAM

The National Association of the School of Public Affairs and Administration (NASPAA) is an organization which sets national standards for the Master of Public Administration (MPA) degree program and the other master's level degree programs in Public Administration. The following excerpts from the current NASPAA standards clearly state the purpose of a Master of Public Administration degree program. The Master of Public Administration program curriculum at Kentucky State University shares the educational philosophy of NASPAA.

*"The purpose of the curriculum shall be to prepare students for professional leadership in public policy and administration. The curriculum components are designed to produce professionals capable of intelligent, creative analysis and communication, and action in the public sector."* (NASPAA Standards effective September 1, 1988)

The objectives of the Master of Public Administration program include providing knowledge, skills, and experience that can be directly utilized by public and private sector professionals in their changing work environment. The program equips students with the technical skills and liberal arts values necessary for responsible administrative roles in state, local, federal, quasi-governmental, non-profit, and private sector systems. The program provides the interdisciplinary foundations of public administration, quantitative skills, sensitivity toward humanistic dimensions of public organizations, fiscal management, and computer utilization.

## REQUIREMENTS FOR THE MASTER OF PUBLIC ADMINISTRATION DEGREE

The Master of Public Administration program is problem-oriented and designed to serve both in-service students (those with work experience) and pre-service students (those without work experience). The academic component is supported by a variety of applied research activities. Each of the research activities is designed to provide the student with research skills as well as a body of knowledge and information needed by practicing public administrators.

## CORE REQUIREMENTS FOR THE MASTER OF PUBLIC ADMINISTRATION DEGREE

A background course (PUA 600) is required of international students and others with limited academic

backgrounds in American public administration.

PUA 600 Seminar on American Political Institutions and Public Policies  
3 semester credit hours

### Core Courses (24 semester credit hours):

PUA 500 Perspectives on Public Administration  
3 semester credit hours

PUA 501 Quantitative Methods  
3 semester credit hours

PUA 503 Research Methods and Policy Analysis  
3 semester credit hours

PUA 504 Organization Theory  
3 semester credit hours

PUA 505 Intro. to Management Information Systems (MIS)  
3 semester credit hours

PUA 506 Public Personnel Management  
3 semester credit hours

PUA 605 Public Sector Economics  
3 semester credit hours

PUA 607 Budgeting in Government Agencies  
3 semester credit hours

### Specialty Area Courses:

Three specialty area courses (9 semester credit hours) must be selected from Public Administration seminar courses at the 600-level in consultation with the student's advisor.

Internship (required for pre-service students):

PUA 699 Internship in Public Administration  
3 semester credit hours

The majority of Public Administration courses are offered in the evening to accommodate students with full-time jobs. By taking two courses each semester, such students can complete all degree requirements in three years. Many students work for government agencies and receive employer-sponsored tuition assistance. Full-time students typically earn the Master of Public Administration degree in one and one-half years, including summer session study. Some full-time students receive graduate assistantships in exchange for part-time work. Up to 12 semester credit hours of appropriate graduate courses may be transferred into the Master of Public Administration program from elsewhere.

Master of Public Administration degree requirements may be completed with 36-42 semester credit hours of graduate coursework. Experienced public administrators may complete all degree requirements within 36 semester credit hours. Pre-service students may need up to 42 semester credit hours to complete all degree requirements. An internship is a requirement for all pre-service Master of Public Administration students.

A professional core of knowledge is expected of each Master of Public Administration candidate. It includes perspectives on public administration, quantitative methods, research methods and policy analysis, public sector economics, organization theory, management information systems, public personnel management, public sector economics, and budgeting in government agencies. Upon completion of these core courses, the student must choose a specialty area for advanced coursework.

The Master of Public Administration program offers four specialty areas in response to the various needs for public sector expertise. These specialty areas include State Administration, Management Information Systems, Personnel Management, and International Administration and Development.

Students may select their final 6 semester credit hours from three different graduation options. This selection is completed with the approval of the student's advisor. The options are either a thesis (6 semester credit hours); a professional project (6 semester credit hours); or additional advanced coursework (6 semester credit hours). All students must take a comprehensive examination over the core and specialty areas. An oral defense of either the thesis or the professional project is required of those students who elect to undertake these two graduation options.

### Thesis Option

A thesis is a formal paper reflecting systematic research on a significant problem. It should represent a student's independent research, carried out under the supervision of the Public Administration faculty. A thesis may use primary data collected by the student and/or secondary data collected by governmental and non-governmental organizations. It must, however, provide evidence of originality, appropriate organiza-

tion, clarity of purpose, critical analysis, and accuracy. Mere descriptions, cataloging, compilation, and bibliographic reviews are not adequate.

### Professional Project Option

A professional project is the direct involvement of a student in the "real world" of a government agency, volunteer agency, public interest group, or similar organization. The main principle of the professional project is applied research under the close direction of a faculty committee.

### Comprehensive Examinations

All Master of Public Administration degree candidates are required to pass a written and oral comprehensive examination in their final semester at Kentucky State University. The comprehensive examination is normally offered during the fall and spring semesters. Limited availability of faculty resources makes it difficult to schedule a comprehensive examination in the summer session. It is the individual student's responsibility to complete an application for a comprehensive examination. The application must be approved by the student's advisor and submitted to the Dean of the Graduate Center/School of Public Affairs for placement on the comprehensive examination list. The student's request to participate in the fall semester examination must be presented no later than September 15th. Requests to participate in the spring semester examination must be presented no later than February 15th.

## SPECIALTY AREAS IN THE MASTER OF PUBLIC ADMINISTRATION DEGREE PROGRAM

The specialty areas in the Master of Public Administration program offered by Kentucky State University reflect the manpower needs in the public sector and the student's career objectives. The Master of Public Administration program currently offers four specialty areas. A brief description of each of these areas of specialization is provided below. Within each specialty area, one advanced course is required. Students may, in consultation with their advisors, select two other specialty area courses to meet their educational needs.



**State Administration Specialty**

This specialty area addresses policy analysis, evaluation, and administrative issues at the state government level. The following courses are offered:

**Required Course:**

PUA 601: Seminar on State Administration

**Optional Courses (select two of the following):**

PUA 600: Seminar on American Administrative Institutions and Public Policies

PUA 603: Seminar on Urban Administration

PUA 604: Seminar on Rural Administration

PUA 606: Grantsmanship and Proposal Writing

PUA 611: Seminar on Administrative Law

PUA 630: Seminar on Public Policy in Kentucky

PUA 685: Ethics for Public Sector Management

PUA 687: Advanced Topics in Public Administration

PUA 688: Seminar on Public Policy Analysis and Program Evaluation

PUA 695: Seminar on Public Communication

**Personnel Management Specialty**

This specialty area is designed for students who are interested in both public and private sector personnel management positions. The following courses are offered:

**Required Course:**

PUA 691: Seminar on Personnel Management

**Optional Courses (select two of the following):**

PUA 612: Personnel Law and Administration

PUA 614: Applied Human Relations

PUA 613: Labor Relations and Collective Bargaining

PUA 615: Personnel Assessment

PUA 624: Employee Assistance and Counseling

PUA 683: Organizational Development

PUA 693: Seminar on Organizational Behavior

**Management Information Systems (MIS) Specialty**

This specialty area is designed for students interested in jobs in the Management Information Systems (MIS) field. It emphasizes systems analysis and design; utilizing current applications software. The following courses are offered:

**Required Course:**

PUA 641: Seminar on Management Information Systems (MIS)

**Optional Courses (select two of the following):**

PUA 642: Decision Support Systems

PUA 680: Statistical Packages for Data Analysis

PUA 681: Applied Advanced Statistical Methods

**International Administration and Development Specialty**

This specialty area generally attracts public service professionals from the developing nations, sponsored by their government and USAID. American students interested in international administrative careers may also choose this specialty. The following courses are offered:

**Required Course:**

PUA 631: Seminar on Comparative and International Administration

**Optional Courses (select two of the following):**

PUA 632: Comparative Economic Systems

PUA 633: Seminar on Development Administration

PUA 692: Seminar on International Personnel Systems

**ADMISSION TO THE MASTER OF PUBLIC ADMINISTRATION PROGRAM**

All inquiries related to admission to the Master of Public Administration program should be submitted to the Dean, Graduate Center/School of Public Affairs, Kentucky State University, Frankfort, Kentucky 40601.

**Regular Application Procedures**

I. All new applicants (including transfer applicants) seeking graduate-level admission to the Graduate Center/School of Public Affairs must supply the following minimum credentials:

A. An Application for Admission (no application fee is assessed). Applications must be received by July 15 for the fall semester; by December 15 for the spring semester; and by May 1 for the summer session.

B. Official test results from Part I, Aptitude, of the Graduate Record Examination (GRE), or the Graduate Management Admissions Test (GMAT). Tests must have been taken within the past five years.

II. Students who were previously enrolled in the Master of Public Administration program at Kentucky State University and wish to resume enrollment after not attending for two or more years and students returning from suspension must provide the following:

A. An application for re-admission.

B. Official transcripts for all coursework attempted at other colleges or universities during the period of absence from Kentucky State University.

**Special Application Procedures for International Students**

In addition to the credentials required in Section I, "Regular Application Procedures," an international applicant must meet the following additional requirements:

A. Have a minimum grade-point average (GPA) of 3.0 or its equivalent in undergraduate coursework as evidenced by official transcripts. All transcripts must be submitted in English and the translation of such certified.

B. Have official TOEFL score (KSU code number 1368) provided directly from the testing agency or provide other evidence of proficiency in the English language. TOEFL scores must be 525 or above. However, students completing their undergraduate studies in the United States are exempt from submitting TOEFL scores and may be admitted to the Master of Public Administration program with a cumulative grade-point average of 2.7. Furthermore, students exempted from submitting TOEFL scores will be required to complete the GRE or GMAT and are subject to meeting the requirements for Unconditional (Full) Admission.

C. Demonstrate, via Declaration of Certification of Finance, that sufficient funds are available to finance the planned course of study without causing undue hardship on the student.

A successful applicant will be sent an official Letter of Acceptance and information pertaining to registration and enrollment. Upon receipt of the official Letter of Acceptance, a confirmation deposit of \$3,500 U.S. dollars must be sent before the University will forward an Immigration Form (I-20) Certificate of Eligibility. This deposit will remain on account until the student graduates or withdraws from the University.

**Admission Classifications****I. Unconditional (Full) Admission.**

Unconditional (Full) Admission to the Master of Public Administration program requires the following:

1. An earned bachelor's degree from an accredited college or university with a minimum grade-point average of 2.7 (3.0 grade-point average for international students).

2. Graduate Record Examination (GRE) must be taken with a minimum score of 1,000 (verbal and quantitative sections). The Graduate Management Test (GMAT), with a minimum score of 500 or above, may be substituted for the GRE score. Test must have been taken within the past five years.

3. Three letters of recommendation from former professors.

4. A typewritten statement of goals and career objectives (minimum 300 words).

**II. Conditional Admission.**

Students who do not meet the admission criteria for unconditional (full) admission above may be conditionally admitted to the Master of Public Administration program. Students conditionally admitted to the Master of Public Administration program may apply for unconditional (full) admission upon the completion of 12 semester credit hours of graduate coursework with a grade-point average of 3.0 or above and no letter grades of "C".

**III. Non-Degree Admission.**

A student may be admitted in a non-degree status if he/she has an earned baccalaureate degree and does not intend to complete the Master of Public Administration program. A non-degree student may change to a degree-seeking status by submitting a written request to the Dean of the Graduate Center/School of Public Affairs and by meeting the criteria for admission to the Master of Public Administration program. A maximum of 12 graduate semester credit hours taken at Kentucky State University, with a minimum grade-point average of 3.0, can be transferred from a non-degree status to the Master of Public Administration program.

**PROBATION AND DISMISSAL**

A student is placed on probation when his/her grade-point average falls below 3.0. A student placed on probation may subsequently enroll in up to 12 semester credit hours of graduate coursework, but not in more than 6 semester credit hours during any one semester. In taking the subsequent 12 semester credit hours of coursework, the student must bring his/her overall grade-point average up to at least 3.0 to continue in the program.

A dismissed student may, after one year, appeal in writing to the Dean of the Graduate Center/School of Public Affairs for re-admission. If re-admission is granted, the student will be placed on probation for up to 12 semester credit hours of coursework. The re-admitted student may not enroll in more than 6 semester credit hours in any one semester. A student who does not bring his/her overall grade-point average up to at least 3.0 in taking the subsequent 12 semester credit hours of coursework will be permanently dismissed from the University without appeal.

TIME LIMIT FOR COMPLETION OF DEGREE

All program requirements must be completed within six years of initial admission, unless otherwise approved by the Dean of the Graduate Center/School of Public Affairs. Students should consult the revised Master of Public Administration Student Handbook, available from the Dean of the Graduate Center/School of Public Affairs, for further information about graduate study.

GRADUATE STUDENT ASSISTANTSHIPS

A limited number of graduate assistantships are available for full-time students pursuing the Master of Public Administration degree. Students holding these positions work 20 hours per week and receive stipends and waivers of out-of-state tuition. Graduate assistants provide assistance to the Dean and faculty members in their instructional and research activities. Students interested in such positions may make application to the Dean of the Graduate Center/School of Public Affairs. Assistantships are awarded on the basis of need and high academic achievement.

MASTER OF PUBLIC ADMINISTRATION PROGRAM COURSE LOAD

Full-time students carry a normal load of 9 graduate semester credit hours (three graduate courses) per semester. (Part-time students who are employed full-time are advised to carry no more than 6 graduate semester credit hours in any semester.)

ACTIVITIES

As public service professionals, Master of Public Administration students are encouraged to join the American Society of Public Administration (ASPA) and other relevant professional organizations such as the Kentucky Economics Association, the Kentucky Political Science Association, the United Nations Association (Frankfort Chapter), and the International Personnel Managers Association. The national/regional/state conferences of ASPA and other organizations provide opportunities for students and faculty to present research papers. Membership in professional organizations provides forums for students to engage in and present research, associate with colleagues, and grow and develop professionally.

CENTER FOR PUBLIC POLICY RESEARCH

In fall 1987, a Center for Public Policy Research was established within the Graduate Center/School of Public Affairs to emphasize applied social science research. The Center received a major grant from the National Science Foundation for a three-year research project (1987-1990) to carry out a state government-related study. The Dean of the Graduate Center/School of Public Affairs concurrently serves as the Director of the Center for Public Policy Research, which seeks both external and internal funds to carry out applied social science research. Faculty and graduate assistants in the Graduate Center/School of Public Affairs gain hands-on experience in these research programs.



Suggested Curriculum  
MASTER OF PUBLIC ADMINISTRATION  
(Without Professional Project or Thesis Option)  
Total Hours: 36-42\*

FIRST YEAR					
Fall		Hours	Spring		Hours
PUA 500	Perspectives on Pub. Admin.	3	PUA 503	Res. Meth. and Pol. Anal.	3
PUA 501	Quantitative Methods	3	PUA 505	Intro. Mgt. Info. Systems	3
PUA 504	Organization Theory	3	PUA 506	Pub. Personnel Management	3
		9			9
SECOND YEAR					
Fall		Hours	Spring		Hours
PUA 605	Public Sector Economics	3	*PUA 699	Internship in Pub. Admin.	3
PUA 607	Budgeting in Government Agencies	3	**PUA	Specialty Option Courses	6
*PUA 699	Internship in Pub. Admin.	3	PUA	Specialty Area Course	3
PUA	Specialty Area Course	3			9-12
		9-12			

\*Pre-service students (those without work experience) are required to enroll in PUA 699 (Internship in Public Administration), for one or two semesters. International students and others with limited academic background in American Government are required to enroll in PUA 600 (Seminar on American Administrative Agencies and Public Policies).  
\*\*May be taken from any 600-level PUA course with approval of an advisor.

Suggested Curriculum  
MASTER OF PUBLIC ADMINISTRATION  
(With Professional Project or Thesis Option)  
Total Hours: 36-42\*

FIRST YEAR					
Fall		Hours	Spring		Hours
PUA 500	Perspectives on Pub. Admin.	3	PUA 503	Res. Meth. and Pol. Anal.	3
PUA 501	Quantitative Methods	3	PUA 505	Intro. Mgt. Info. Systems	3
PUA 504	Organization Theory	3	PUA 506	Pub. Personnel Management	3
		9			9
SECOND YEAR					
Fall		Hours	Spring		Hours
PUA 605	Public Sector Economics	3	PUA 607	Budgeting in Government Agencies	3
*PUA 699	Internship in Pub. Admin.	3	*PUA 699	Internship in Pub. Admin.	3
**PUA 798	Professional Project OR		**PUA 798	Professional Project OR	
**PUA 799	Thesis	3	**PUA 799	Thesis	3
PUA	Specialty Area Course	3	PUA	Specialty Area Course	3
		9-12			9-12

\*Pre-service students (those without work experience) are required to enroll in PUA 699 (Internship in Public Administration), for one or two semesters. International students and others with limited academic background in American Government are required to enroll in PUA 600 (Seminar on American Administrative Agencies and Public Policies).  
\*\*With specialty option courses, satisfies specialty requirements.



# COURSE DESCRIPTIONS



Course descriptions are listed alphabetically by subject prefix on the following pages.

Each course description begins with a three-letter subject prefix followed by a three-digit course number and the course title. The number on the right of each course description gives the semester credit hours for that course. If a course includes laboratory or other

special activities, that information is contained in the description.

Prerequisite(s) are also listed. A prerequisite is a course, experience, or other required preparation that must be completed before the student will be permitted to enroll in the course. The subject prefixes for the course descriptions follow:

ACC Accounting  
ART Art  
BIO Biology  
BSS Behavioral and Social Sciences  
BUA Business Administration  
BUE Business Education  
CDF Child Development and Family Relations  
CHE Chemistry  
CJE Criminal Justice  
CLE Credit for Life Experience  
COE Cooperative Education  
COM Communication  
COS Computer Science  
DES Developmental Studies  
ECO Economics  
EDU Education  
ENG English  
FNU Foods and Nutrition  
FRE French  
GEO Geography  
GER German  
GNT Gerontology  
HEC Home Economics  
HED Health Education  
HIS History  
IGS Integrative Studies  
INT Industrial Technology

MAT Mathematics  
MGT Management  
MKT Marketing  
MLS Military Science  
MUE Music Education  
MUS Music  
NUR Nursing  
OAD Office Administration  
PHE Physical Education  
PHI Philosophy  
PHS Physical Sciences  
PHY Physics  
POS Political Science  
PSY Psychology  
PUA Public Administration  
REC Recreation  
REL Religious Studies  
RES Real Estate  
SCI Science  
SOC Sociology  
SOW Social Work  
SPA Spanish  
SPE Speech  
TCL Textiles, Clothing, and Merchandising  
THE Theatre  
WYC Whitney Young College

## READING, THINKING, WRITING EMPHASIS (RTWE) COURSE DESIGNATIONS

Compelled by its unique mission — to be the small liberal studies institution in Kentucky's system of public higher education — the University recognizes a need to make its faculty and students aware of the significance of reading, critical thinking, and writing as foundations for a liberal arts education.

In 1984 the University institutionalized the concept of Writing Across the Curriculum; and since then, it has sought to sustain among faculty and students an interest in the concept. The University has also promoted cooperation among disciplines as they seek to promote interests, habits, and abilities that enable

students to become lifelong learners, doubters, planners, and evaluators.

Toward this end, the University has identified a number of courses and programs having reading, critical thinking, and writing emphases that prepare students to learn for life and to meet the challenges of their life-roles. These courses are designated *RTWE* in the course descriptions that follow. Those courses designated *RTWE* do not by any means represent all of the *RTWE* courses across the curriculum. A number of other courses exist on-campus but had not been identified at the time this Catalogue was published.

## ACCOUNTING

**ACC 261: Principles of Accounting I** 3  
Prerequisite: MAT 110 or consent of instructor. An introduction to current accounting theory and practice, including accounting concepts, principles, financial statements, the accounting cycle, current assets, current liabilities, and operating assets.

**ACC 262: Principles of Accounting II** 3  
Prerequisites: ACC 261 and BUA 200. Study of accounting fundamentals involving corporations, partnerships, investments, manufacturing operations, financial statement analysis, statement of cash flows, and accounting information for management decisions.

**ACC 361: Intermediate Accounting I** 3  
Prerequisite: ACC 262. A comprehensive study of concepts and principles underlying corporate financial accounting and reporting. Emphasis is given to current assets, current liabilities, and operating assets.

**ACC 362: Intermediate Accounting II** 3  
Prerequisite: ACC 361. A continuation of ACC 361. A study of investments, long-term liabilities, stockholders equity, pensions, leases, accounting changes and error analysis, statement of cash flows, and interperiod income tax allocation.

**ACC 400: Managerial Accounting** 3  
Prerequisites: ACC 262 and BUA 200. An exploration of decision-making tools and use of accounting information used by internal management for directing and controlling the organization's resources.

**ACC 410: Accounting Systems** 3  
Prerequisites: ACC 262, BUA 200, and COS 101. An exploration of the flow of accounting information and resources throughout the entity with respect to management decision-making and control. Hands-on experience with microcomputer accounting software is an integral part of this course.

**ACC 461: Governmental/Not-For-Profit-Accounting** 3  
Prerequisite: ACC 262. Study of generally accepted accounting and reporting principles for governmental and non-profit entities. Particular emphasis is on state and local government using fund accounting.

**ACC 462: Federal Income Taxation** 3  
Prerequisite: ACC 262. Application of federal income tax laws, rules, regulations, and court decisions for individuals and business, and the compliance aspect of tax return preparation.

**ACC 463: Advanced Federal Income Taxation** 3  
Prerequisite: ACC 462. Application of federal income tax laws, rules, regulation and court decisions applicable to partnerships, corporations, fiduciaries and international transactions, estate and gift transfer tax.

**ACC 481: Cost Accounting I** 3  
Prerequisites: ACC 262 and BUA 200. The study of cost behavior from a managerial perspective. The principles, practices, and procedures involved in collecting, assembling, analyzing, and controlling manufacturing costs are examined.

**ACC 482: Cost Accounting II** 3  
Prerequisites: ACC 481, BUA 200, ECO 312, and ECO 321. A study of accounting concepts and procedures in capital budgeting, cost allocation theory, cost behavior and quantitative approaches to dealing with constraints and uncertainty.

**ACC 485: Advanced Accounting** 3  
Prerequisites: ACC 362 and BUA 200. A comprehensive study of selected accounting problems, including partnerships, consolidated financial statements, fiduciaries, receivership, and foreign currency translation.

**ACC 490: Auditing** 3  
Prerequisites: ACC 362, BUA 200, and ECO 311. A study of the attest function, including history, scope of service, ethics, and responsibilities. Auditing techniques and procedures used in independent audits are covered.

**ACC 499: Independent Study in Accounting** 3  
Prerequisite: Senior classification. Research and in-depth study of a particular accounting concept or problem under the guidance of a faculty member.

## ART

**ART 101: Early Elementary Art** 3  
Includes all aspects of teaching art in grades K-4: philosophies, methods, materials and evaluations. Personal investigation of activities involving the two-dimensional materials is stressed.

**ART 102: Introduction to Arts and Crafts** 3  
An introductory course in arts and crafts for non-Art majors. Diverse art media and processes are explored and basic concepts and vocabulary are introduced.

- ART 103: Interior Design** 1  
An introduction to basic concepts, principles, and techniques of interior design. Each time this course is offered, different topics will be covered. (May be repeated five times)
- ART 104: Studio Arts** 1  
Basic concepts and techniques of a specific art medium are introduced each time the course is offered. The course may be repeated as desired.
- ART 110: Basic Drawing I** 3  
An introductory course with emphasis on developing visual acuity and fundamental drawing skills. Methods and materials relating to two-dimensional representation will be investigated.
- ART 112: Two-Dimensional Design** 3  
An introduction to basic design elements and principles. Activities include the investigation of line, shape, value, color, and texture within the two-dimensional realm.
- ART 113: Three-Dimensional Design** 3  
Prerequisite: ART 112. A continuation of ART 112 as it relates to the three-dimensional realm.
- ART 130: Introduction to Art** 3  
Examines the nature of visual art experiences, formal and expressive characteristics of art, historical concepts and movements, and the relevance of art to one's life.
- ART 160: Art Symposium** 1  
A course designed to acquaint students with concepts, media, and methods of the arts via discussions, guest speakers, multi-media presentations, and demonstrations. (May be repeated 5 times)
- ART 201: Art History Survey I** 3  
A survey lecture course designed to expose the student to the history of art from pre-historic times through the Middle Ages.
- ART 202: Art History Survey II** 3  
Prerequisite: ART 201. A continuation of ART 201 from the Renaissance through the Modern Period.
- ART 211: Basic Drawing II** 3  
Prerequisite: ART 110. A continuation of ART 110. Emphasis on the rendering of the human form via contour, gesture, value, and weight drawing with various media.
- ART 220: Basic Painting I** 3  
Prerequisites: Art 110 and 112. An introduction to the basic processes and materials of painting. Emphasis is placed on compositional factors.
- ART 240: Ceramics I** 3  
Prerequisites: ART 110 and 113. An introduction to the basic processes and materials of ceramics. Emphasis is placed on handbuilding processes and principles of glazing and firing.
- ART 245: Weaving I** 3  
Prerequisites: ART 110 and 113. Exploration of both loom and finger controlled weaving processes and an introduction to drafts.
- ART 300: Twentieth Century Art History** 3  
A study of European and American art forms of the Twentieth Century.
- ART 302: Contemporary Art History** 3  
Examination of the direction of the visual arts since 1955.
- ART 303: African-American Art History** 3  
A course designed to reveal contributions and accomplishments of

- African-American artists and the influence of early African art on art of the world.
- ART 304: Directions in American Art** 3  
An examination of major directions in American Art of the Nineteenth and Twentieth centuries, including Black art, women's art, folk art, and other developments.
- ART 305: Commercial Art I** 3  
Prerequisites: ART 110 and 112. An introduction to basic concepts and skills of commercial art.
- ART 307: Photography I** 3  
An introductory course in black-and-white photography. Aesthetic considerations and technical control of the medium will be emphasized. Students must provide their own camera.
- ART 308: Introduction to Film I: Film Structure and Interpretation** 3  
An examination of the "language" of film and interpretation of films within issues related to liberal studies courses.
- ART 309: Introduction to Film II: Topics in Film** 3  
Topical issues and principles of film theory with changing topics, such as critical perspectives, views of history, the director, films, and sociology.
- ART 310: Basic Drawing III** 3  
Prerequisites: ART 110 and 112. An investigative approach to both the figurative and abstract levels. Personal visual expressions are encouraged.
- ART 315: Sculpture I** 3  
Prerequisites: ART 110 and 113. An introduction to the basic constructive processes of sculpture, utilizing plaster, wire, wood and other related materials.
- ART 317: Printmaking I** 3  
Prerequisites: ART 110 and 112. An introduction to the basic processes and materials of printmaking including monoprint, collagraphy, woodcut, serigraphy, and etching.
- ART 319: Elementary School Art** 3  
A combination lecture-laboratory course which focuses upon all aspects of teaching art in the elementary school. This course is designed for art education majors.
- ART 321: Basic Painting II** 3  
Prerequisite: ART 220. A continuation of Art 220 with emphasis on exploration of media and the expression of individual concepts.
- ART 340: Ceramics II** 3  
Prerequisite: ART 240. Basic techniques of throwing on a potter's wheel; further study of clay bodies, glazing and firing principles are investigated.
- ART 345: Weaving II** 3  
Prerequisite: ART 245. A continuation of activities introduced in Art 245 with an emphasis on draft weaving.
- ART 400: Senior Seminar** 1  
Exploration of topics in contemporary art through research, discussion, and field trips. Art majors will prepare their Senior Art Exhibitions, document them with slides, and develop resumes.
- ART 405: Commercial Art II** 3  
Prerequisite: ART 305. A continuation of the development of concepts and skills introduced in Art 305 with emphasis on comprehensive layout and illustration techniques.

- ART 407: Photography II** 3  
Prerequisite: ART 307 or approval of instructor. A continuation of the development of skills and aesthetic understanding introduced in ART 307. Special techniques such as multiple printing, solarization, and toning will be introduced.
- ART 415: Sculpture II** 3  
Prerequisite: ART 315. An introduction to the basic subtractive processes of sculpture, utilizing wood, stone, and other related materials.
- ART 417: Printmaking II** 3  
Prerequisite: ART 317. A continuation of processes introduced in Art 314. Basic lithographic processes, serigraphy, and etching are also introduced.
- ART 419: Methods and Materials for Teaching Art** 3  
A course which examines teaching and media for both elementary and secondary levels. Designed specifically for art education majors.
- ART 420: Painting III** 3  
Prerequisite: ART 321. The expression of individual concepts in painting is encouraged. The appropriateness of materials to specific visual statements is studied.
- ART 430-453: Problems in Art** 3  
These courses are designed to provide students advanced, individualized instruction in the art areas listed below.
- ART 430: Problems in Drawing I**  
**ART 431: Problems in Drawing II**  
**ART 432: Problems in Drawing III**  
**ART 433: Problems in Painting I**  
**ART 434: Problems in Painting II**  
**ART 435: Problems in Painting III**  
**ART 436: Problems in Printmaking I**  
**ART 437: Problems in Printmaking II**  
**ART 438: Problems in Printmaking III**  
**ART 439: Problems in Ceramics I**  
**ART 440: Problems in Ceramics II**  
**ART 441: Problems in Ceramics III**  
**ART 442: Problems in Sculpture I**  
**ART 443: Problems in Sculpture II**  
**ART 444: Problems in Sculpture III**  
**ART 445: Problems in Weaving I**  
**ART 446: Problems in Weaving II**  
**ART 447: Problems in Weaving III**  
**ART 448: Problems in Art History I**  
**ART 449: Problems in Art History II**  
**ART 450: Problems in Art History III**  
**ART 451: Problems in Photography I**  
**ART 452: Problems in Photography II**  
**ART 453: Problems in Photography III**

## BIOLOGY

- BIO 101: Life Science** 3  
A general study of biological concepts of living organisms. Emphasis is placed on cellular physiology, genetics, ecology, and evolution. (Two hours of lecture, two hours of laboratory per week)
- BIO 107: Anatomy and Physiology I** 4  
Study of the structure and function of various body systems. Emphasis on the skeletal, muscular and nervous mechanisms. Adapted to the needs of Nursing students. (Three hours of lecture, two hours of laboratory per week)
- BIO 108: Anatomy and Physiology II** 4  
Prerequisite: BIO 107 or consent of instructor. A continuation of BIO

- 107 with emphasis on the circulatory, respiratory, digestive, urinary, endocrine, and reproductive systems. (Three hours of lecture, two hours of laboratory per week)
- BIO 109: Introduction to Allied Health** 3  
In-depth study of the allied health professional as a health care team member. Designed to integrate philosophical concepts and values underlying the health professions. (Three hours of lecture per week)
- BIO 111: Principles of Biology** 4  
Analysis of fundamental concepts underlying and unifying living systems. Emphasis on major principles of cellular anatomy and physiology, reproduction and development, genetics, ecology, and evolution. (Two hours of lecture/discussion, four hours of laboratory per week)
- BIO 112: Exploration of Modern Topics in Biology (RTWE)** 3  
Prerequisite: BIO 101 or BIO 111. Formal presentations and colloquia on biological topics of current interest. Concise overviews will be presented on the diversity of living systems, evolution, and life processes. (Three hours of lecture per week)
- BIO 204: Fundamentals of Microbiology** 3  
A course adapted to the needs of nursing students. Emphasis on infection by microbes, the body's immune system, pathogens, and parasites. (Two hours of lecture, two hours of laboratory per week)
- BIO 210: General Zoology** 3  
Prerequisite: BIO 111. Introduction to the animal world, including taxonomy and diversity of kind, morphological and physiological organization of representatives of various phyla; and evolutionary relationships among phyla. (Two hours of lecture, two hours of laboratory per week)
- BIO 212: General Botany** 3  
Prerequisite: BIO 111. Introduction to the plant world, including taxonomy and diversity of kind, morphological and physiological organization in various divisions, and evolutionary relationships among divisions. (Two hours of lecture, two hours of laboratory per week)
- BIO 220: Medical Terminology** 2  
Designed to review common terms used in the medical professions.
- BIO 301: Human Anatomy** 3  
Prerequisite: BIO 101 or BIO 111. A study of the anatomical configuration of cells and tissues forming neural, muscular, renal, circulatory, respiratory, digestive, skeletal, and reproductive systems. (Two hours of lecture, two hours of laboratory per week)
- BIO 302: General Microbiology** 4  
Prerequisite(s): BIO 111 and CHE 102 (concurrent), or consent of instructor. Morphology, classification, distribution, and physiology of bacteria, viruses, and other microorganisms in industry and the environment. Aseptic technique, staining, cultivation, identification, and control of bacteria. (Three hours of lecture, three hours of laboratory per week)
- BIO 303: Human Physiology** 4  
Prerequisites: BIO 210 and CHE 102; PHY 207 and PHY 208 are recommended. Cells, tissues, organs, and systems in relation to each other and in coordination with contractility, conductivity, respiration, translocation of materials, and other problems in physiology. (Two hours of lecture, four hours of laboratory per week)
- BIO 304: Vertebrate Embryology** 4  
Prerequisite: BIO 111 or consent of instructor. Morphological and developmental aspects of embryology, including genetic and molecular mechanisms. The comparative developmental anatomy of



the starfish, frog, chick, and pig are studied. (Two hours of lecture, four hours of laboratory per week)

**BIO 305: Comparative Vertebrate Anatomy** 4  
Prerequisite: BIO 210. Relationships of vertebrate groups and structure and significance of various organs and systems of typical vertebrates. Discussions of the history and habitats of various groups. (Two hours of lecture, four hours of laboratory per week)

**BIO 307: Genetics** 3  
Prerequisites: BIO 111 and CHE 102. Laws and principles of heredity and variation of plants and animals with special reference to man. Evaluates biochemical, biometrical, cytological, and embryological aspects of genetics. (Two hours of lecture, two hours of laboratory per week)

**BIO 308: Microtechniques and Histology** 4  
Prerequisite: BIO 111. Primarily a laboratory course devoted to preparation of tissues for microscopic study. Lectures offer an introduction to microscopic anatomy and theory of microscopic techniques. (Two hours of lecture, four hours of laboratory per week)

**BIO 309: Parasitology** 4  
Prerequisite: BIO 210 or consent of instructor. A study of epidemiology, pathology, diagnosis, and control of parasites of man and other animals. (Two hours of lecture and four hours of laboratory per week.)

**BIO 310: Clinical Laboratory Techniques** 4  
Prerequisite: Consent of instructor. Integration of theoretical knowledge and practical application in a simulated clinical laboratory. Emphasis on medical laboratory statistics and quality control, clinical laboratory methodology, and lab instrumentation. (Five hours of lecture/laboratory per week)

**BIO 401: Biology Seminar (RTWE)** 1  
Prerequisite: Upper-division standing required, senior classification recommended. A seminar designed to provide information and discussion on current biological research by faculty members and visiting scientists.

**BIO 403: Immunology** 3  
Prerequisite: Consent of instructor. Immune system, immunoglobulin structure, antigenicity, antigen-antibody reactions, phylogeny of immune responses, and antibody formation. Immunity to bacterial and viral infections, allergies, and graft-host reactions. (Three hours of lecture/discussion/demonstration/laboratory per week)

**BIO 404: Hematology** 4  
Prerequisite: Consent of instructor. A comprehensive study of the blood system, including the hematopoietic systems and disorders of the blood in humans. (Five hours of lecture/laboratory per week)

**BIO 405: Medical Microbiology** 4  
Prerequisite: BIO 302. Lecture and laboratory work in pathogenic bacteriology, virology, mycology, and parasitology. Emphasis on etiology, epidemiology, identification, and clinical diagnosis of pathogens. (Three hours of lecture, three hours of laboratory per week)

**BIO 408: Cell Biology** 4  
Prerequisites: BIO 111 and CHE 202. Cell structure and chemistry as it relates to cell function. Biochemical and molecular aspects of cell functions are emphasized. (Three hours of lecture, three hours of laboratory per week)

**BIO 410: Special Problems in Biology** 1-4  
Prerequisite: Consent of the instructor. A course in which advanced Biology students who demonstrate ability and interest in the field

pursue an independent experimental or library research project. (Hours arranged)

**BIO 416: Ecology (RTWE)** 3  
Prerequisite: BIO 101 or BIO 111 or consent of instructor. A study of the interrelationships of living organisms and their environment. This course draws from several disciplines and stresses concepts of modern ecology. (Three hours of lecture per week)

**BIO 490: Biological Practicum** 12  
Prerequisite: Consent of advisor. An on-the-job clinical practice (Medical Technology).

## BEHAVIORAL AND SOCIAL SCIENCES

**BSS 200: Introduction to Social Science Seminar** 3  
Prerequisite: Sophomore classification. This course introduces the theories, methodologies and controlling ideas of the social sciences; the central focus is the commonalities among the various disciplines.

**BSS 499: Senior Colloquium** 3  
Prerequisite: Senior classification. This course is designed to develop analytical skills, interpretation and research; and to nurture intellectual self-reliance, and critical thinking.

## BUSINESS ADMINISTRATION

**BUA 200: Computer Applications in Business** 3  
A survey of business-application software with emphasis on the personal computer. The student learns word processing, electronic spreadsheets, data management, and business graphics.

**BUA 304: Business Communication** 3  
Prerequisites: OAD 100 or equivalent, OAD 230 or BUA 200, and ENG 102. Application of communication theory to business writings and oral presentations.

**BUA 321: Legal Environment** 3  
A study of the legal system, basic legal rules, and the regulatory environment in which businesses operate. Attention is given to ethical considerations affecting business.

**BUA 322: Business Law** 3  
Prerequisite: BUA 321. A study of the law relating to contracts, sales, negotiable instruments, real and personal property, and the application of legal rules to specific cases.

**BUA 330: Corporation Finance** 3  
Prerequisites: ACC 262 and ECO 212. Overview of financial principles and functions with applications to corporate financial management. Emphasis is placed on working capital management, capital budgeting, risk and financial analysis.

**BUA 420: Financial Institutions and Markets** 3  
Prerequisite: BUA 330. Overview of commercial banks, savings and loans, insurance companies, pension funds, other financial intermediaries, and the markets.

**BUA 430: Investments** 3  
Prerequisite: BUA 330. Characteristics of bonds, stocks, other investment materials, securities markets, and investments banking are studied. Consideration is given to the sources of investment information and the analysis of securities.

**BUA 440: Personal Financial Planning** 3  
Prerequisite: Consent of instructor. Overview of budgeting, risk management, investment basics, taxes, retirement planning, and estate planning.

**BUA 499: Independent Study in Business Administration** 3  
Prerequisite: Senior classification. Research and in-depth study of a particular business administration concept or problem under the guidance of a faculty member.

## BUSINESS EDUCATION

**BUE 360: Principles of Business Education** 3  
Prerequisite: Admission to Teacher Education. Philosophy and problems underlying practices and methods in teaching business courses in secondary and postsecondary institutions.

**BUE 400: Methods and Materials in Bookkeeping and Social Business Subjects** 3  
Prerequisites: ACC 262, BUE 360, and ECO 211. Focus on effective teaching of bookkeeping/accounting, basic business, and economic education courses.

**BUE 402: Methods and Materials in Office Services** 1-3  
Prerequisite: BUE 360. Modular presentation of methods of teaching office services courses. Basic business education majors must take the typewriting module.

## CHILD DEVELOPMENT AND FAMILY RELATIONS

**CDF 101: Introduction to Early Childhood Education** 3  
Examines various program models and philosophies of early childhood education and includes a basic introduction to the overall needs of young children. (Lecture, field trips, and observation.)

**CDF 102: Family Development** 3  
Examines the stages of the family life cycle and interpersonal relationships among family members. (Lecture and discussion.)

**CDF 203: Child Development I (RTWE)** 3  
This course examines the physical, mental, social, and emotional growth of a child from conception through age three. Providing quality care and education of infants and toddlers. (Lecture and observation.)

**CDF 204: Child Development II (RTWE)** 3  
Prerequisite: CDF 203. A lecture/laboratory course designed for child development and early education (K-4) majors which examines the physical, cognitive, social, and emotional growth of the child from age four through eight years. (Lecture and observation.)

**CDF 305: Materials and Methods in Early Childhood Education** 3  
Prerequisites: CDF 203 and CDF 204. A study of content, methods, and materials for teaching young children in a group setting.

**CDF 315: Child Guidance** 3  
Prerequisites: CDF 203 and CDF 204. Intense study of child development theories and guidance techniques. (Two hours lecture and two hours laboratory).

**CDF 316: Teacher's Role in Family/School Relations** 3  
A study of current principles and practices and the analysis of factors which enhance the teacher's role in family/school relations. (Lecture and report-writing)

**CDF 407: Advanced Practicum in Early Childhood Programs I** 3  
Prerequisite: Consent of instructor. Supervised practicum in the Early Childhood Learning Center. (Eight hours laboratory, one hour lecture).

**CDF 408: Advanced Practicum in Early Childhood Programs II** 3  
Prerequisite: Consent of instructor. Supervised practicum in the Early

Childhood Learning Center. (Eight hours laboratory, one hour lecture).

**CDF 409: Organization and Administration of Early Childhood Education Programs** 3  
Prerequisite: Consent of instructor. Organization and administration of early childhood education programs including housing, equipment, programs, records, and parent involvement.

**CDF 420: Parent Education (RTWE)** 3  
Study and application of various principles and techniques useful in working with parents of preschool through adolescent children.

## CHEMISTRY

**CHE 101: General Chemistry I** 4  
Introduction to units of scientific measurement, atomic structure and chemical bonding, chemical calculations, the states of matter, and solutions. (Three hours of lecture, three hours of laboratory per week)

**CHE 102: General Chemistry II** 4  
Prerequisite: CHE 101 or equivalent. A continuation of CHE 101, including kinetics, equilibria, nuclear chemistry, thermochemistry, electrochemistry, descriptive chemistry, and organic chemistry. (Three hours of lecture, three hours of laboratory per week)

**CHE 109: Survey of General Chemistry** 4  
Basic principles of general chemistry for students in home economics, nursing, industrial arts, and in other fields. (Four hours of lecture per week)

**CHE 200: Survey of Basic Organic Chemistry** 4  
Prerequisite: CHE 109. Basic classification of organic compounds, their reactivities, and their structural relationships. Emphasis on biologically active compounds related to medicine and nutrition. (Four hours of lecture per week)

**CHE 201: Organic Chemistry I** 4  
Prerequisite: CHE 102. Molecular orbital representations of organic molecules, reaction mechanisms. Introduction to the use of ultraviolet, infrared, and nuclear magnetic resonance spectroscopy in identification of organic compounds. (Three hours of lecture, three hours of laboratory per week)

**CHE 202: Organic Chemistry II** 4  
Prerequisite: CHE 201. A continuation of CHE 201 covering the reactions of aromatics, amines, alcohols, phenols, carbonyls, carboxylic acids, and polyfunctional organic molecules. Instrumental methods of functional group determination. (Three hours of lecture, three hours of laboratory per week)

**CHE 203: Quantitative Analysis** 4  
Prerequisite: CHE 102. Fundamental theory and practice of volumetric, gravimetric, and electrochemical analysis. Preparation of standard solutions and analysis of salts, alloys, and ores. (Two hours of lecture, four hours of laboratory per week)

**CHE 307: Physical Chemistry I** 4  
Prerequisite: MAT 201. Corequisite: CHE 203 or consent of instructor. Introduction to the theory and application of thermodynamics, molecular kinetics, and chemical kinetics. (Three hours of lecture, three hours of laboratory per week)

**CHE 308: Physical Chemistry II** 4  
Prerequisite: CHE 307. A continuation of CHE 307. Introduction to quantum mechanics, statistical mechanics, and molecular spectroscopy. (Three hours of lecture, three hours of laboratory per week)

**CHE 312: Inorganic Chemistry** 4  
Prerequisites: CHE 101 and CHE 102. The focus includes periodicity and electronic structure, bonding and acid-base theories, reactions in non-aqueous media, and transition metal coordination chemistry. (Four hours of lecture per week)

**CHE 314: Instrumental Analysis** 4  
Prerequisite: CHE 203. Theory and modern methods of instrumental analysis, with emphasis on spectrophotometric, chromatographic, and electroanalytical techniques. (Two hours of lecture, four hours of laboratory per week)

**CHE 315: Biochemistry** 4  
Prerequisite: CHE 201 (CHE 307 recommended). Introductory study of amino acids, peptides, proteins, enzymes, nucleotides and nucleic acids, carbohydrates, lipids and biomembranes, the citric acid cycle, lipid metabolism, and protein biosynthesis. (Three hours of lecture, three hours of laboratory per week)

**CHE 401: Undergraduate Research I** 1-4  
Prerequisite: Consent of instructor. This course is designed to give Chemistry majors an opportunity to conduct independent research, using techniques in synthesis, analysis, and applications of basic chemical theory. (Hours arranged)

**CHE 402: Undergraduate Research II** 1-4  
A continuation of CHE 401. (Hours arranged)

## CRIMINAL JUSTICE

**CJE 101: Introduction to Criminal Justice** 3  
A survey course designed to study the criminal justice process. An analysis of local, state, and federal law enforcement agencies, court, and correctional agencies.

**CJE 103: Introduction to Criminal Law** 3  
Prerequisite: CJE 101 or consent of instructor. The study of the development and history of criminal laws in the United States emphasizing the structure, definitions, and interpretations of criminal statutes.

**CJE 200: Police Systems** 3  
Prerequisite: CJE 101 or consent of instructor. The study of the history and development of federal, state, and local law enforcement agencies and current issues in law enforcement.

**CJE 201: Criminal Investigation** 3  
Prerequisite: CJE 101 or consent of instructor. An introduction to the techniques and methods used by police investigators. Attention is given to crime scene protection, collection, preservation, and identification of physical evidence.

**CJE 202: Police Patrol and Services** 3  
Prerequisite: CJE 101 or consent of instructor. The study of patrol function as viewed from the individual, supervisory, and organizational levels, including responsibilities, techniques and methods of patrol.

**CJE 203: Criminal Procedure** 3  
Prerequisite: CJE 103 or consent of instructor. The study of pre-trial, trial, and post-trial procedures and their rationales. An analysis of positive and negative implications and/or consequences of the legal process.

**CJE 204: Criminal Evidence** 3  
Prerequisite: CJE 203 or consent of instructor. The study of the rules of evidence with particular emphasis on preparing and presenting evidence. Includes admissibility requirements, burden of proof, testimonial privileges, and hearsay evidence.

**CJE 205: Introduction to Corrections** 3  
Prerequisite: CJE 203 or consent of instructor. The study of the correctional process, including jails, prisons, probation and parole. Emphasis is on an analysis of correctional theory and practice.

**CJE 208: Private Security** 3  
The study of the historical and philosophical development of private security. Emphasis is placed on responsibilities and legal problems of private agencies.

**CJE 210: Community Relations and Criminal Justice** 3  
Prerequisite: CJE 200 or consent of instructor. The study of the relationship of the community to law enforcement, correctional institutions, and other criminal justice agencies. Emphasizes techniques for conflict resolution.

**CJE 211: Police Administration I** 3  
An examination of the principles of organization, administration and functions of police departments. An evaluation of personnel policies, divisions, operations, and command policies.

**CJE 212: Police Administration II** 3  
Prerequisite: CJE 211 or consent of instructor. A study of the organization, administration, and function of police departments. An evaluation of line, staff, auxiliary functions, and the utilization of planning, as administrative aids.

**CJE 303: Constitutional Issues I** 3  
Prerequisite: CJE 204 or consent of instructor. The study of the United States Constitution and analysis of U.S. Supreme Court decisions stemming from the First, Fourth, Fifth, and Sixth Amendments.

**CJE 304: Constitutional Issues II** 3  
Prerequisite: CJE 303 or consent of instructor. A continuation of CJE 303. An examination of Supreme U.S. Court decisions stemming from the Sixth, Eighth, and Fourteenth Amendments.

**CJE 316: Principles of Victimology** 3  
Prerequisite(s): CJE 204 and PSY 200, or consent of instructor. Study of crime, its victims, and their relationship to the criminal justice process. Emphasizes psychological, financial, and medical needs and problems of the victim.

**CJE 390: Criminal Justice Internship** 3  
Prerequisite(s): CJE 103 and CJE 205, or consent of instructor. A supervised placement in a criminal justice agency which enables students to obtain practical experience in a criminal justice setting.

**CJE 404: Institutional Corrections** 3  
Prerequisite: CJE 205 or consent of instructor. The study of prison process. Emphasis is placed on inmate-staff relationships, security procedures, and treatment procedures in prison.

**CJE 405: Community Corrections** 3  
Prerequisite(s): CJE 205, CJE 304, and SOC 343, or consent of instructor. History and philosophy of probation, parole, and community-based correctional programs. Emphasizes methods of treating offenders, decision making, and community reintegration process.

**CJE 407: Criminal Justice Administration I (RTWE)** 3  
Prerequisite: CJE 304 or consent of instructor. The study of the principles of organization, administration, and function of criminal justice agencies, including law enforcement agencies, the courts, and correctional agencies.

**CJE 408: Criminal Justice Administration II (RTWE)** 3  
Prerequisite: CJE 407 or consent of instructor. A continuation of CJE 407. An examination of management approaches and problems in criminal justice, including the examination of planning and evaluation techniques and use of information systems.

**CJE 409: Seminar in Criminal Justice** 3  
Prerequisite: CJE 407 or consent of instructor. The study of special issues in criminal justice. Special emphasis is placed upon solutions to particular administrative problems.

**CJE 495: Criminal Justice Research Study** 3  
Prerequisite: Consent of instructor. An in-depth research effort in the field of criminal justice. May be a group or individual effort. Restricted to CJE majors and minors who possess a minimum GPA of 3.0.

## CREDIT FOR LIFE EXPERIENCE

**CLE 299: Portfolio Development** 3  
Prerequisites: ENG 101, MAT 110, and consent of instructor. Required course for all students seeking credit through assessment of educationally valid life experiences. Instructs students in developing documented portfolio of non-sponsored, prior experiential learning. Graded Pass/Fail.

## COOPERATIVE EDUCATION

**COE 291: Cooperative Education I** 3-12  
Prerequisites: 30 semester credit hours of coursework and consent of advisor. Work experience opportunity in a field related to students' vocational interests. Graded Pass/Fail except for internship required for major. (Hours arranged)

**COE 391: Cooperative Education II** 3-12  
Prerequisites: One semester of Cooperative Education work experience and consent of advisor. Work experience opportunity in a field related to students' vocational interests. Graded Pass/Fail except for internship required for major. (Hours arranged)

**COE 491: Cooperative Education III** 3-12  
Prerequisites: Two semesters of Cooperative Education work experience and consent of advisor. Work experience opportunity in a field related to student's vocational interests. Graded Pass/Fail except for internship required for major. (Hours arranged)

## COMMUNICATION

**COM 205: Mass Media and Society** 3  
Prerequisite: SPE 103. The societal impact of mass media in terms of information, entertainment and other types of programming. Basic theory relative to criticism and demographics is stressed.

**COM 206: Audio Production** 3  
Prerequisite: COM 205. A study of audio production techniques and the use of audio boards, microphones, tape decks, cartridge tapes, and the recording and editing of tapes.

**COM 225: Radio Production/Programming** 3  
Prerequisite: COM 205. Provides experience in radio production and operating practices, relationship of these experiences to the commercial, educational, and aesthetic requirements of the broadcasting industry.

**COM 308: Radio-Television Advertising and Sales** 3  
Prerequisite: COM 205. Focus on the problems of broadcast advertising and the nation's economy. Includes designing of the broadcast commercial message and the foundations for effective time buying.

**COM 333: Radio-Television News and Special Programs** 3  
Prerequisite: COM 206. Writing news for electronic dissemination. Students learn how to gather, write, and visualize news for radio and television.

**COM 400: Radio-Television Audiences and Programming** 3  
Prerequisite: COM 225. Provides opportunities for the student to become familiar with the techniques of creating programs, program schedules, demographic analyses, and politics and procedures of station operation.

## COMPUTER SCIENCE

**COS 100: Introduction to Electronic Data Processing** 3  
Introductory survey of basic concepts and terminology for a basic understanding of data processing. Includes an introduction to word-processing, spreadsheets, and data base applications.

**COS 101: Fundamentals of Microcomputer Programming-BASIC** 3  
An introduction to programming fundamentals using microcomputers. Focus on problem solving using flowcharting and BASIC.

**COS 103: Report Program Generator** 3  
Prerequisite: COS 100 or consent of instructor. A study of Report Program Generator (RPG) computer language in which students write specifications for jobs utilizing input and output devices and proper documentation.

**COS 110: Computer Programming I—FORTRAN** 3  
Prerequisite: COS 101 or consent of instructor. Introduction to problem solving methods and algorithm development using FORTRAN. Emphasis on designing, coding, debugging, and documenting programs using good programming style.

**COS 180: Advanced Microcomputer Programming Techniques** 3  
Prerequisite: COS 101. An extension of COS 101 in which the BASIC language is emphasized. The course includes table handling, string manipulation and file processing on the microcomputer.

**COS 208: Pascal Programming** 3  
Prerequisite: COS 101 or consent of instructor. A study of Pascal programming language. An introduction to Pascal syntax, semantics, and major control structures. Emphasis will be placed on problem-solving, documentation, and structured programming.

**COS 209: Advanced Pascal** 3  
Prerequisite: COS 208. Advanced programming in Pascal with emphasis on records, files, sets, and pointer types.

**COS 210: Computer Programming II—FORTRAN** 3  
Prerequisite: COS 110. Continuation of topics in COS 110, with special emphasis on more complex programs. Introduction to the basic aspects of more advanced topics such as string processing, searching, sorting, and elementary data structures.

**COS 212: Introduction to Assembler Language** 3  
Prerequisite: COS 208. Introduction to assembly languages and computer instructions. Study of memory, registers, instruction types and formats, data formats, and the assembly process.

**COS 220: Computer Organization** 3  
Prerequisite: COS 208. Introduction to the organization and structuring of the major hardware components of the computer. Provides the fundamentals of logic design and the mechanics of information transfer and control.

**COS 230: COBOL I** 3  
Prerequisite: COS 101 or 208 or consent of instructor. A study of the features of the COBOL language and its applications in business and industry.



**COS 231: COBOL II** 3  
Prerequisite: COS 230. A continuation of COS 230. Topics studied include table usage, sorting, merging, report writer, and maintenance of sequential, indexed, and relative files. Programs involve utilizing subprograms and a source library.

**COS 250: Microcomputer Interfacing** 3  
Prerequisite: COS 180 or consent of instructor. Introduction to computer networking and to the operation and essential theoretical aspects of establishing sensors and interfaces to microcomputers.

**COS 300: Systems Design and Development I (RTWE)** 3  
Prerequisite: COS 230. Introduction to systems design and development techniques utilized in surveying, developing, and installing computer application systems.

**COS 302: Operating Systems** 3  
Prerequisite: COS 212. Survey of current operating systems utilized in various types of computers, comparative analysis of operating systems, and system generation techniques.

**COS 330: File Processing (COBOL)** 3  
Prerequisite: COS 230 or consent of instructor. Introduces concepts and techniques of structuring data on bulk storage devices and provides the foundation and experience in applying data structures and file processing techniques.

**COS 340: Data Structure and Algorithm Analysis** 3  
Prerequisite: COS 209. Applies analysis and design techniques to non-numerical algorithms and utilizes algorithmic analysis and design criteria in the selection of methods for data manipulation.

**COS 350: Organization of Programming Languages** 3  
Prerequisite: COS 209. An applied course in programming language constructs emphasizing the run-time behavior of programs. Students study the specifications and implementation of various languages, with programming exercises in each language.

**COS 360: Introduction to Compilers** 3  
Prerequisite: COS 209. Introduces the basic structure of a compiler, lexical analyzer, regular expression, finite-state machine, context-free grammar, and parsing.

**COS 400: Systems Design and Development II (RTWE)** 3  
Prerequisite: COS 300. Continuation of COS 300 with emphasis on state-of-the-art techniques. Students will apply the techniques by working in teams.

**COS 410: Data Base Management Systems** 3  
Prerequisite: COS 340. Data base concepts and models and their relation to specific data base management systems are studied.

**COS 420: Algorithms** 3  
Prerequisites: COS 340 and 350. Techniques of analyzing and developing algorithms. Examples of algorithms from various areas, presented and implemented in appropriate high level languages.

**COS 440: Special Problems (RTWE)** 3  
Prerequisite: COS 330. Independent work on a significant project involving research, design, implementation, and documentation of a complete system.

## DEVELOPMENTAL STUDIES

**DES 080: Orientation** 3  
Provides assistance in making transition from high school to college. Study of official manuals and standards governing academic life. Instruction in study skills. Graded Pass/Fail. (Does not count toward any degree requirements.)

**DES 081: Communication Arts I—Composition** 3  
Training and practice in three-stage writing process, pre-writing, writing, and re-writing to various audiences. Includes paragraphs, short themes, sketches, and descriptions. (Does not count toward any degree requirements.)

**DES 082: Communication Arts II—Composition** 3  
Prerequisite: Successful completion of DES 081 or placement. Includes additional training and practice in the three-stage writing process, including longer compositions, effective introductions and conclusions, basic expository patterns. (Does not count toward any degree requirements.)

**DES 083: Communication Arts III—Oral Communication** 3  
Basic methods of preparing and delivering extemporaneous speeches. Emphasis placed on communication apprehension, outlining/organizing, non-verbal communication, and listening. (Does not count toward any degree requirements.)

**DES 084: Communication Arts IV—Oral Communication** 3  
Prerequisite: DES 083 or placement. Development of speaker credibility, ethical issues in public speaking, and the preparation of delivery of persuasive messages in impromptu and extemporaneous speaking. (Does not count toward any degree requirements.)

**DES 085: Communication Arts V—Reading** 3  
Designed to raise the general reading-comprehension level. Students are introduced to specific comprehension strategies and carry out guided practices. (Does not count toward any degree requirements.)

**DES 086: Communication Arts VI—Reading (RTWE)** 3  
Prerequisite: DES 085 or placement. Focuses on variety of liberal studies content areas, and guided practice in comprehension strategies in order to raise comprehension toward levels consistent with collegiate-level assignments. (Does not count toward any degree requirements.)

## ECONOMICS

**ECO 200: Survey of Economics** 3  
A basic survey of economic principles involved in microeconomics and macroeconomics. This course is offered to non-Business majors.

**ECO 211: Principles of Economics I** 3  
The basic principles of microeconomics are examined and an overview of the American economy. Market structure, income distribution, general equilibrium, and welfare economics are considered.

**ECO 212: Principles of Economics II** 3  
Prerequisite: ECO 211. The basic principles of macroeconomics explore both the private and public sectors. National income determination, money and banking, economic growth, and international economics are considered.

**ECO 311: Business Statistics I** 3  
Prerequisite: MAT 125. The course focuses on measurement of central tendencies, probability concepts, sampling distribution, and the appreciation of statistical estimates, and hypothesis testing in uncertain situations.

**ECO 312: Business Statistics II** 3  
Prerequisite: ECO 311. The study of regression and correlation analysis, time series analysis and forecasting, Chi-square, and analysis of variance.

**ECO 321: Quantitative Methods of Decision Making** 3  
Prerequisites: MAT 125 and ECO 311. Various quantitative models involving matrix algebra, calculus, and functions are studied. The use of linear programming in business decisions is emphasized.

**ECO 322: Microeconomics** 3  
Prerequisite: ECO 212. Intensive study of economic analysis of consumption, output, price, and factor proportion problems and forms of decision making in different market structures.

**ECO 323: Macroeconomics** 3  
Prerequisite: ECO 212. Static and dynamic theories of aggregate economics, the measurement of economic activity, determination of national income and growth, and the control of economic activity.

**ECO 329: International Economics** 3  
Prerequisite: ECO 212. Description and analysis of the international economic relationships among the nations of the world with emphasis on the United States and international trade.

**ECO 411: Money and Banking** 3  
Prerequisite: ECO 212. A study of monetary and banking systems in the United States. Highlighted are the roles of the Federal Reserve System and current monetary problems.

**ECO 420: History of Economic Thought** 3  
Prerequisite: ECO 212. The evolution of economic ideas and concepts from ancient times to the present. A study is made of the major contributions of principal economic scholars.

**ECO 424: Labor Economics** 3  
Prerequisite: ECO 212. A study of employment, labor markets and the labor movement. Studied are theories of wage rate determinations, unemployment, human resource policy, worker's compensation, and industrial disputes.

**ECO 425: Comparative Economic Systems** 3  
Prerequisite: ECO 212. A study of the ideologies and functioning of capitalism, communism, and socialism, and how various economic principles and theories apply under these systems.

**ECO 499: Independent Study in Economics** 3  
Prerequisite: Senior classification. Research and in-depth study of a particular economic concept or problem under the direction of a faculty member.

## EDUCATION

**EDU 221: Human Growth: Life Span Development** 3  
Theories and research concerning human growth and development from conception through senescence. Methods for working with children and youth are explored. Field work required.

**EDU 294: Introduction to Teaching (RTWE)** 3  
Realities of American public education and the nature of the teaching profession including role, function, benefits, and expectations of teaching. Extensive field work required.

**EDU 305: Fundamentals and Administration of Elementary Education** 3  
Prerequisite: Admission to Teacher Education. A study of curriculum theory and design, methods of effective teaching, and organizational structure in elementary grades. Field work required.

**EDU 310: Introduction to Exceptional Education** 3  
Prerequisite: Admission to Teacher Education. Survey of major areas of exceptionality. A study of principles and practices for mainstreaming exceptional children in regular classrooms. Field work required.

**EDU 312: Teaching Reading in Early Elementary School** 3  
Prerequisites: Admission to Teacher Education and EDU 325. A study of assessment, methods, and materials for reading instruction (K-4). Emphasis on the reading process. Field work required.

**EDU 313: Teaching Language Arts in Early Elementary School** 3  
Prerequisites: Admission to Teacher Education and EDU 325. Content, instructional methods, materials, and assessment for language arts instruction (K-4). Includes developmental processes and assessment techniques. Field work required.

**EDU 314: Teaching Social Studies in Early Elementary School** 3  
Prerequisites: Admission to Teacher Education and EDU 325. Exploration of the content, instructional methods, and materials for social studies instruction (K-4). Emphasis on multicultural education. Field work required.

**EDU 324: Foundations of Education** 3  
Prerequisite: Admission to Teacher Education or consent of instructor. Historical, philosophical, sociological, and legislative factors influencing the development of American education.

**EDU 325: Microcomputers and Media in the Classroom** 3  
Knowledge and skill development in the use of microcomputers and media in the classroom. Focus on computer literacy, application, and equipment operation. Field work required.

**EDU 394: Clinical Experiences in Teaching** 3  
Prerequisite: Admission to Supervised Teaching. A four-week comprehensive lecture/laboratory course for secondary education majors immediately prior to student teaching. Extensive field work required.

**EDU 400: Senior Seminar in Elementary Education** 3  
Prerequisite: Admission to Supervised Teaching. A four-week comprehensive review of curriculum theory and design, methods of effective teaching, and organizational structure of elementary schools. Reflection, self-evaluation, and field work.

**EDU 402: Theories and Assessment of Learning** 3  
Prerequisites: Admission to Teacher Education and CDF 204. Learning theories, classroom management techniques, effective teaching methods, and assessment of student achievement. Field work required.

**EDU 406: Senior Seminar: Synthesis and Assessment** 1  
Prerequisite: Admission to Supervised Teaching. Comprehensive review of communication skills, general and professional knowledge, academic content, and test-taking skills expected of beginning teachers.

**EDU 409: Fundamentals and Administration of Secondary Education** 3  
Prerequisite: Admission to Teacher Education. A study of curriculum theory and design, methods of effective teaching, and organizational structure in high schools. Field work required.

**EDU 410, 411, 412, 413, 414: Methods of Teaching High School Subjects (RTWE)** 3  
Prerequisites: Admission to Teacher Education and EDU 325. Content, instructional methods, materials and assessment for each subject area. Field work required. (Scheduled according to demand.)

**EDU 410: Methods of Teaching English**  
**EDU 411: Methods of Teaching Mathematics**  
**EDU 412: Methods of Teaching Physical Education**  
**EDU 413: Methods of Teaching Science**  
**EDU 414: Methods of Teaching Social Studies**

**EDU 423: Teaching Mathematics and Science in Early Elementary School** 4  
Prerequisites: Admission to Teacher Education and EDU 325. A study of content, instructional methods, materials and assessment for teaching mathematics and science (K-4). Field work required.

**EDU 445: Reading Instruction in the Secondary School** 3  
Prerequisites: Admission to Teacher Education and EDU 325. A study of assessment, materials and methods for reading instruction in secondary schools with emphasis on improving reading in content areas.

**EDU 474, 494: Supervised Teaching**  
Prerequisite: Admission to Supervised Teaching. Observation and practice of planning, management, teaching, and assessment of learning under the guidance of a classroom teacher.

**EDU 474: Supervised Teaching** 8

**in Early Elementary Education**

**EDU 494: Supervised Teaching** 8

**in Secondary Schools (RTWE)**

## ENGLISH

**ENG 095: Fundamentals of English for Foreign Students (RTWE)** 3  
Familiarizes foreign students with fundamentals of written and spoken English, focusing on English used in academic and social settings. (Does not count toward any degree requirements.)

**ENG 096: Fundamentals of Informative Writing for Foreign Students (RTWE)** 3

Familiarizes foreign students with United States academic and institutional writing formats, including summaries, paraphrases, definitions, abstracts, reviews, critiques, memorandums, and letters. (Does not count toward any degree requirements.)

**ENG 097: College Study Strategies I (RTWE)** 3  
Required of entering freshmen whose performance on the Reading Placement Test warrants reading instruction. Comprehension, reading rate, vocabulary, and study skills will be studied in depth. (Does not count toward any degree requirements.)

**ENG 098: College Study Strategies II (RTWE)** 3  
Prerequisite: ENG 097. A continuation of English 097, with emphasis on higher-level comprehension, reading rate, vocabulary, and study skills. (Does not count toward any degree requirements.)

**ENG 099: English Language Proficiency (RTWE)** 3  
Required of all freshmen whose scores on the English Placement Test do not warrant enrollment in ENG 101. Listening, reading, speaking, and writing skills are stressed. (Does not count toward any degree requirements.)

**ENG 101: English Composition and Rhetoric I (RTWE)** 3  
Prerequisite: A passing grade on the English Placement Test or in ENG 099. Emphasis is on command of the fundamentals of language required for effective writing.

**ENG 102: English Composition and Rhetoric II (RTWE)** 3  
Prerequisite: ENG 101. Continuation of English 101 with the same attention to fundamentals. Several weeks are devoted to the preparation of a research paper.

**ENG 203: Creative Writing (RTWE)** 3  
Prerequisite: ENG 102. Short stories, poetry, formal essays, and student writings will be read and criticized informally by members of the class.

**ENG 204: Journalism (RTWE)** 3  
Prerequisite: ENG 102 or consent of instructor. Practical work in gathering, organizing, and writing news. Objectives will include producing well-written news, features, and editorials for publication.

**ENG 211: Introduction to Literature (RTWE)** 3  
Prerequisite: ENG 102. An introduction to the understanding and enjoyment of the major literary genres: fiction, drama, poetry, and essays.

**ENG 213: Advanced Composition (RTWE)** 3  
Prerequisite: ENG 102. An intensive course in composition for students of any major. Students will write in various rhetorical modes, emphasizing advanced grammar, sentence structure, and paragraph development.

**ENG 216: Technical Writing (RTWE)** 3  
Prerequisite: ENG 102 or consent of instructor. Training and practice in written communications (reports, business letters, memorandums, etc.) required in business, industry, and government.

**ENG 260: Children's Literature (RTWE)** 3  
Prerequisite: ENG 211. A study of literature that is especially suitable for use in the elementary grades with emphasis upon techniques of presenting this literature to young children.

**ENG 265: Kentucky Literature (RTWE)** 3  
Prerequisite: ENG 211 or consent of instructor. A survey of the literature, primarily fiction, produced by Kentucky writers.

**ENG 301: Romanticism (RTWE)** 3  
Prerequisite: ENG 211. The principles and ideas of Romanticism as expressed by the chief English writers of poetry and prose from 1793 to 1832.

**ENG 302: Images of Women in Literature (RTWE)** 3  
Prerequisite: ENG 211 or consent of instructor. A study of literature written by women from the 14th century to the present, with emphasis on women's relationship to culture and society.

**ENG 303: Victorian Literature (RTWE)** 3  
Prerequisite: ENG 211. Works of the principal authors of the Victorian era in relation to the political, intellectual, and social background of the period.

**ENG 312: World Literature (RTWE)** 3  
Prerequisite: ENG 211. A holistic approach to the study of literature in world cultures. Western and non-Western literary selections are emphasized.

**ENG 322: Survey of British Literature I (RTWE)** 3  
Prerequisite: ENG 211. Major works by British authors from the Old English period to the Age of Johnson.

**ENG 323: Survey of British Literature II (RTWE)** 3  
Prerequisite: ENG 211. Continuation of the survey of major British works and their critical, intellectual, and historical contexts from the Age of Johnson to the modern era.

**ENG 324: Survey of American Literature I (RTWE)** 3  
Prerequisite: ENG 211. A chronological study of major pre-modern American writers, with due emphasis on political, social, and literary movements.

**ENG 325: Survey of American Literature II (RTWE)** 3  
Prerequisite: ENG 211. A study of modern American writers, with emphasis on political, social, and literary movements.

**ENG 337: The American Novel (RTWE)** 3  
Prerequisite: ENG 211. The study of American novelists from the earliest ones to those of the contemporary period.

**ENG 341: The English Novel (RTWE)** 3  
Prerequisite: ENG 211. The study of a few representative novels by English writers from the time of Defoe to the contemporary period.

**ENG 352: Contemporary Literature (RTWE)** 3  
Prerequisite: ENG 211. A study of the prose and poetry of contemporary writers since World War II.

**ENG 375: Critical Methodology** 3  
Prerequisite: ENG 211 or consent of instructor. An introductory practicum in approaches to and techniques of literary scholarship. Focus will be on various media and research methodologies.

**ENG 377: Twentieth Century American and British Drama** 3  
Prerequisite: ENG 211 or consent of instructor. An introduction to the critical methodology of literary scholarship as applied to the major movements, authors, and works in 20th Century American and British drama.

**ENG 390: Adolescent Literature** 3  
Prerequisite: ENG 211. Designed to help students identify appropriate reading material for adolescents by interest and grade level. Students will also learn bibliographical skills.

**ENG 409: Literature of African-Americans (RTWE)** 3  
Prerequisite: ENG 211. A consideration of some of the principal essays, poems, plays, short stories, and novels written by African-Americans from Phillis Wheatley to the present.

**ENG 410: Linguistics and History of the English Language (RTWE)** 3  
Prerequisites: ENG 211 and ENG 213. Introduction to the science of linguistics and the historical development of English grammar, phonology, morphology, and syntax as used in America.

**ENG 411: Shakespeare (RTWE)** 3  
Prerequisite: ENG 211. Analytical study of Shakespeare's principal plays, with some emphasis upon the Elizabethan background.

**ENG 413: Literary Criticism (RTWE)** 3  
Prerequisite: ENG 211. Critical positions and techniques of selected major critics; experience in application of principles and techniques of criticism to texts representing major literary genres.

**ENG 433: Reading and Writing Clinic Practicum (RTWE)** 3  
Prerequisite: ENG 211. Required of all students obtaining certification in English Education. A clinical course designed to help students identify and correct problems in reading and writing.

## FOODS AND NUTRITION

**FNU 101: Introduction to Foods** 3  
A study of preparation and preservation of food products, with an emphasis on food science. Lab experiences incorporate principles of cookery and their application. (Two hours lecture and two hours laboratory per week)

**FNU 104: Basic Nutrition** 3  
Prerequisite: BIO 107. Principles of nutrition related to health; emphasis on understanding functions of nutrients and nutritional needs of people in health and disease conditions.

**FNU 202: Meal Planning and Table Service** 3  
Emphasizes nutritional concerns, hospitality, and basic menu planning considerations. (Two hours lecture and two hours laboratory per week)

**FNU 203: Nutrition and Health for the Growing Years** 2  
A study of nutrition education, formulation of eating habits, nutrition and health related problems, and concerns as related to growth cycles.

## FRENCH

**FRE 101: Elementary French I (RTWE)** 3  
An introductory course designed to teach French pronunciation, sentence structure, and basic vocabulary for understanding, speaking, writing, and reading French. (Laboratory practice)

**FRE 102: Elementary French II (RTWE)** 3  
Prerequisite: FRE 101. Continuation of FRE 101, with emphasis on listening, speaking, and reading. (Laboratory practice)

**FRE 201: Intermediate French I (RTWE)** 3  
Prerequisite: FRE 102. Review of grammar with emphasis on comprehension, reading, and writing skills. (Laboratory practice)

**FRE 202: Intermediate French II (RTWE)** 3  
Prerequisite: FRE 201. Continuation of FRE 201 stressing conversation, reading, and writing. (Laboratory practice)

**FRE 203: French for Communication I (RTWE)** 3  
Prerequisite: FRE 202. An intermediate course to develop general skills in oral and written communication on cultural topics. (Laboratory practice)

**FRE 204: French for Communication II (RTWE)** 3  
Prerequisite: FRE 203. A continuation of FRE 203. An intermediate course that provides additional practice and written work requiring the use of idiomatic French. (Laboratory practice)

**FRE 301: Survey of French Literature I (RTWE)** 3  
Prerequisite: FRE 202. A survey of French literary creation from the earliest documents to 1700 with special emphasis on the classic drama of Corneille, Racine, and Moliere.

**FRE 302: Survey of French Literature II (RTWE)** 3  
Prerequisite: FRE 202. Continuation of FRE 301. French literature in the 18th, 19th, and 20th centuries with special emphasis on Montesquieu, Rousseau, Voltaire, Balzac, Hugo, Vigny, Flaubert, and some 20th century writers.

**FRE 311: Advanced French Composition (RTWE)** 3  
Prerequisite: FRE 202. Writing on topics of contemporary life, with analysis of style, sentence construction, and study of idiomatic expressions and special problems of French grammar.

**FRE 312: Advanced French Conversation (RTWE)** 3  
Prerequisite: FRE 202. Practice in the oral use of French through conversations on topics of interest.

**FRE 313: French for the Professions (RTWE)** 3  
Prerequisite: FRE 204. An advanced, specialized course, stressing oral and written communication in the most common professions: health, business, education, law, criminal justice, social work, etc. (Laboratory practice)

**FRE 322: French Civilization (RTWE)** 3  
Prerequisite: FRE 202. The study of modern French civilization since 1700 with special emphasis on the life, culture, ideas, and institutions of the 20th century.

## GEOGRAPHY

**GEO 102: Principles of Geography** 3  
Study of the basic principles underlying the science of geography and the human use of resources; the earth's form and movement, climate, topography, oceans etc.



**GEO 211: Regional Geography of North America** 3  
Prerequisite: GEO 102. A study of North America and Hawaii. Emphases are placed upon the natural resources and economic activities of inhabitants.

**GEO 212: Geography of Africa: Sub-Sahara Regions** 3  
Prerequisite: GEO 102. Survey of the African continent, its historical and physical backgrounds, climates, soils, vegetation, people, cultures, and current developments.

## GERMAN

**GER 101: Elementary German I (RTWE)** 3  
An introductory course on the fundamentals of German grammar and pronunciation with increasing emphasis on conversation. (Laboratory practice)

**GER 102: Elementary German II (RTWE)** 3  
Prerequisite: GER 101. Continuation of GER 101. Study of more advanced aspects of grammar and conversation. (Laboratory practice)

**GER 201: Intermediate German I (RTWE)** 3  
Prerequisite: GER 102. More extensive study of grammar, literary readings, conversation, and composition. (Laboratory practice)

**GER 202: Intermediate German II (RTWE)** 3  
Prerequisite: GER 201. Continuation of GER 201. Review of grammar, including more extensive readings, interpretation, and discussion in German, with increasing practice in composition and translation. (Laboratory practice)

## GERONTOLOGY

**GNT 101: Introduction to Gerontology** 3  
Exploration of a variety of topics related to aging, such as retirement, living arrangements, social relationships, rejection by families, death, government programs and community resources.

**GNT 102: Problems in Aging** 3  
An analysis of the nature, extent, and causes of problems in aging. Emphasis is on economic, political, and personality factors that affect the living patterns of the aged.

**GNT 201: Applied Social Gerontology** 3  
Designed for individuals who plan to work with the elderly in planning, development, and implementation of programs and policies.

**GNT 301: Aging Issues, Policies, and Programs** 3  
Prerequisite: GNT 101 or GNT 102. Examines aging as a social condition. Focuses on aging concepts, policies and service providing organizations. Programs are analyzed in terms of social needs, problems, and goals.

**GNT 400: Death and Dying** 3  
An examination of the anxieties, fears, and hopes of the dying, and the social, psychological and economic implications of death.

**GNT 401: Aging and Health** 3  
Discussion centers upon comparisons of healthy aging patterns versus mental illness in old age. Designed to dispel some of the traditional diagnostic and treatment myths.

**GNT 402: The Black Aged** 3  
An analysis of attitudes, values, and trends related to aging in the Black culture.

## HOME ECONOMICS

**HEC 100: Introduction to Home Economics** 3  
A study of the history, development, and scope of home economics as a profession and its importance as a land-grant function. Career opportunities in home economics are explored.

**HEC 304: Home Furnishings and Design** 3  
Planning and decorating the house consistent with one's taste and economical means. Trends in home furnishings, designs and arrangements are covered.

**HEC 308: Family Consumer Problems** 3  
An analysis of problems, policies, and issues relevant to today's consumer.

**HEC 450: Seminar in Home Economics Education** 1  
Trends and interpretation of the role and function of the semi-professional in home economics.

## HEALTH EDUCATION

**HED 107: First Aid and Safety** 2  
Designed to prepare students to provide immediate and temporary care in emergency situations, including accidents or sudden illnesses. Open to all students.

**HED 221: Personal Health and Lifetime Fitness** 2  
An introduction to the beneficial effects of a positive health life-style and methods to implement and live such a life-style.

**HED 223: Principles of Health Education** 3  
Prerequisite: HED 221. Study of the foundations and principles of health, including physical, mental, social, emotional, and environmental.

**HED 305: Safety Education** 3  
This course focuses on the rules and functions of health education in developing and maintaining a safe and healthful environment.

**HED 320: Health Education in Schools** 3  
Prerequisites: EDU 221 and HED 223. A study of the fundamentals of the school health program, and instructional techniques for the elementary and secondary programs.

**HED 321: Community Health** 3  
Prerequisites: HED 223 and PSY 200. An analysis of current health problems from both school and community viewpoints.

**HED 326: Survey of Diseases** 3  
Prerequisite: HED 221. Current concepts of disease etiology and control as applied to the most prevalent communicable and chronic diseases that affect mankind.

## HISTORY

**HIS 101: World Civilization I** 3  
The study of literature, art, music, architecture, other fine arts, religion, and customs of various peoples and nations throughout history.

**HIS 102: World Civilization II** 3  
The study of literature, art, music, architecture, other fine arts, religion, and customs of various peoples and nations throughout history.

**HIS 103: Western Civilization** 3  
A survey of social and intellectual development in the Western World from pre-history to the Reformation.

**HIS 201: United States History to 1865** 3  
The political, economic, and social development of the United States from the Colonial period to 1865.

**HIS 202: United States History since 1865** 3  
The political, economic, and social development of the United States from 1865 to the present.

**HIS 300: Problem Seminar** 3  
Prerequisites: HIS 102, HIS 201, and HIS 202. Problems encountered by professional historians in the utilization of primary historical sources.

**HIS 314: African-Americans in the United States** 3  
Prerequisite(s): HIS 201 and HIS 202, or consent of instructor. The history of African-Americans in the United States, their role in the development of this country, and their struggle for rights, privileges, and protections of citizenship.

**HIS 321: Constitutional History of the United States** 3  
Prerequisites: HIS 201 and HIS 202. An historical survey of the making of the Constitution and its interpretation through decisions of the United States Supreme Court.

**HIS 331: Early Modern Europe** 3  
A survey of the political, intellectual, economic, and social development of Europe during 1450-1815.

**HIS 332: Nineteenth Century Europe** 3  
Prerequisites: HIS 101 and HIS 102. Europe from the downfall of Napoleon (1815) to the outbreak of World War I (1914).

**HIS 341: British History I** 3  
Prerequisites: HIS 101 and HIS 102. A survey of English history from pre-Roman times to the close of the Glorious Revolution (1689) with emphasis upon constitutional and legal developments.

**HIS 342: British History II** 3  
Prerequisites: HIS 101 and HIS 102. The growth of British democracy and the role of Britain in the rise and expansion of world imperialism during the eighteenth, nineteenth, and twentieth centuries.

**HIS 350: Kentucky History** 3  
Prerequisites: HIS 201 and HIS 202. A social, economic, and political history of Kentucky. In addition, the course will examine Kentucky's contributions to national politics.

**HIS 362: Hispanic American History** 3  
Prerequisites: HIS 101, HIS 102, HIS 201, and HIS 202. A survey of selected Central and South American countries in their modern eras, and trends that are representative of those problems that beset the region.

**HIS 372: Medieval Culture** 3  
Prerequisites: HIS 101 and HIS 102. A survey of European history from 500 to 1500 with strong emphasis on cultural achievements of the period.

**HIS 375: African History to 1870** 3  
Prerequisites: HIS 101 and HIS 102. A survey tracing the earliest beginnings of man in Africa and the development of sub- and trans-Saharan civilizations.

**HIS 376: African History from 1870** 3  
Prerequisites: HIS 101 and HIS 102. The creation and development of European colonial empires in Africa and the subsequent rise of independent African states.

**HIS 411: African-Americans in the Twentieth Century** 3  
Prerequisites: HIS 201 and HIS 202. A thorough study of the contributions of African-Americans to American culture and their struggle for full citizenship in the United States.

**HIS 421: Southern History** 3  
Prerequisites: HIS 201 and HIS 202. The economic, social, political, and cultural life of the southern states from colonial times to the present.

**HIS 422: Recent United States History** 3  
Prerequisites: HIS 201 and HIS 202. A study of problems associated with the Great Depression, the New Deal, war and significant social change, major political developments, and achievements in space.

**HIS 424: Diplomatic History of the United States** 3  
Prerequisites: HIS 201 and HIS 202. A survey of America's diplomatic relations with the major world powers since the founding of the Republic.

**HIS 433: Twentieth Century Europe** 3  
Prerequisites: HIS 101 and HIS 102. The history of Europe from 1914 to the present. Particular attention is given to the impact of World War I upon European society.

**HIS 461: The History of East Asia** 3  
Prerequisites: HIS 101 and HIS 102. A cultural and political survey of the history of China and Japan, with emphasis on their changing relationships with the rest of the world.

## INTEGRATIVE STUDIES

**IGS 200: The Foundations of Western Culture (RTWE)** 3  
Prerequisite: ENG 101. An interdisciplinary study of the various modes of thought linking the major developments of western culture from Homer to the emerging Christian era.

**IGS 201: The Convergence and Reshaping of Cultures (RTWE)** 3  
Prerequisite: IGS 200 or consent of coordinator. An interdisciplinary study of the forces that shaped the development of cultures from the rise of Christianity to the Age of Enlightenment.

**IGS 300: The Search for New Forms of Culture (RTWE)** 3  
Prerequisite: IGS 201 or consent of coordinator. An interdisciplinary study of the most influential movements that have shaped Western culture from the Age of Enlightenment to the present.

**IGS 301: Studies in African Cultures** 3  
Prerequisite: IGS 200 or consent of coordinator. A multicultural study of the major forces that shaped various African cultures in their social, artistic, historical, political, philosophical, and religious expressions.

**IGS 302: Studies in Oriental Cultures** 3  
Prerequisite: IGS 200 or consent of coordinator. A multicultural study of the major forces that shaped various Oriental cultures in their social, artistic, historical, political, philosophical, and religious expressions.

**IGS 303: Studies in Latin American Cultures** 3  
Prerequisite: IGS 200 or consent of coordinator. A multicultural study of the major forces that shaped various Latin American cultures in their social, artistic, historical, political, philosophical, and religious expressions.

**IGS 304: The African-American Experience** 3  
Prerequisite: IGS 200 or consent of coordinator. A study of the evolution of the African-American experience from the period of slavery to the present, especially as reflected in the writings of African-American intellectuals.

**IGS 499: Senior Seminar** 3  
Prerequisite: IGS 200, or IGS 201, or IGS 300 or equivalent, or consent of coordinator. A senior-level seminar devoted to the exploration of an interdisciplinary theme. Topics will vary according to the instructor.

## INDUSTRIAL TECHNOLOGY

**INT 101: Engineering Drafting I** 3  
Fundamentals in use and care of instruments, lettering, line construction, rules of dimensioning, orthographic projection, auxiliary view, sectional and pictorial drawing. (Lecture one hour, laboratory four hours)

**INT 102: Engineering Drafting II** 3  
Prerequisite: INT 101 or consent of instructor. Intermediate concepts of working drawings. Includes advanced sections, auxiliaries, threads and fasteners, tolerancing and geometric dimensioning. Specialized equipment used in duplication methods and blueprint reading. (Lecture one hour, laboratory four hours)

**INT 104: Descriptive Geometry** 3  
Specific problems involving points, lines, planes, curved surfaces, intersections, and development problems. Emphasis directed toward auxiliary views, points and lines, revolutions, and development of surfaces. (Lecture two hours, laboratory two hours)

**INT 113: Industrial Technology Orientation** 3  
Survey of industrial organization and technology. Includes discussion of the functions/interrelationships of research and development, production planning, production control, and materials and quality control.

**INT 124: Basic Electricity (AC and DC)** 3  
Principles and measurement of direct current, voltage, resistance; alternating current, capacitance, inductance, impedance; and mathematical analysis of basic electricity covering Kirchhoff, Thevenin, and Norton theorems. (Lecture two hours, laboratory two hours)

**INT 125: Residential Wiring** 3  
A study of the National Electrical Code relative to residential wiring local codes. Experience is gained through wiring circuits found in the modern house. (Lecture two hours, laboratory two hours)

**INT 126: Motors and Controls** 3  
Study of basic controls used today for AC motors. Ladder diagrams and practical circuits are drawn and wired. (Lecture two hours, laboratory two hours)

**INT 128: Solid State Devices** 3  
Study characteristics and application of solid-state devices, diodes, transistors, rectifier circuits, voltage regulation, and wave-form interpretations. Single and multistate small signal amplifiers are tested. (Lecture two hours, laboratory two hours)

**INT 141: Introduction to Metal Processes** 3  
Basic study of materials and processes involved in metal manufacturing. Includes study of metal characteristics, design, and fabrication. Open to all students. (Lecture two hours, laboratory two hours)

**INT 142: Machine Tool Processing** 3  
Basic study in machine shop practice, including use of precision instruments. Course provides basic experiences on lathe, shaper, drill press, grinder, and milling machine. (Lecture one hour, laboratory four hours)

**INT 201: Architectural Drafting** 3  
Examines architectural problems involved in the development of structural plans: foundation, floor, elevations, sectional and detailed views, plot, estimating and specifications, and developments in architecture. (Lecture one hour, laboratory four hours)

**INT 202: Technical Illustration** 3  
Explores ways of converting orthographic projections into perspective and pictorial expressions. Emphasizes oblique, isometric, dimetric, trimetric, exploded view, and rendering of projections for publications. (Lecture two hours, laboratory two hours)

**INT 203: Civil Drafting** 3  
Study of special drafting processes including map drawing. Emphasis in planning earth and concrete retaining structures, projecting locations, profile line and grade, and surveying instruments. (Lecture one hour, laboratory four hours)

**INT 208: Computer-Aided Drafting I** 3  
Prerequisite: INT 101 or consent of instructor. Familiarization with contemporary CAD systems, covering basic theory and applications, including industry's conversion to CAD. Prior computer experience beneficial not required. (Lecture one hour, laboratory four hours)

**INT 209: Industrial Technical Communications** 3  
Stresses comparative industrial communication in technical engineering design. Emphasis on research, data analysis, problem solving techniques, industrial political structures, communication media, proposal preparation and presentation. (Lecture two hours, laboratory two hours)

**INT 210 Computer Aided Drafting II** 3  
Prerequisite: INT 208 or consent of instructor. Advanced training in CAD systems, covering the use of attributes, databases, Data Exchange Files, and the customizing of menus for increased efficiency of application. (Lecture one hour, laboratory four hours)

**INT 211: Fundamentals of Tool Design** 3  
Prerequisite(s): INT 102 and INT 208, or consent of instructor. Study of the basic principles and methods for designing efficient tools for material removal, pressworking, joining, and inspecting manufacturing parts including NC and CAD. (Lecture 1 hour, laboratory 4 hours)

**INT 213: Manufacturing** 3  
Exploration of manufacturing industries, their organization, occupations, research, management, product design and refinement, production techniques, and societal impact utilizing concepts of materials and production technology.

**INT 225: Regulators, Oscillators, and Linear Devices** 3  
Study, through theory and application, of regulators, oscillators, thyristors, DA's, Op Amps, and linear devices. (Lecture two hours, laboratory two hours)

**INT 227: Electronics Logic/Microprocessors** 3  
Involves numbers, logic and circuits using integrated circuit "chips". Includes implementation of logic functions in modern electronic devices; and integrated circuit chips in the small computer, using basic machine language. (Lecture two hours, laboratory two hours)

**INT 228: Pulse Circuits and Servos** 3  
Study through theory and application of pulse signals, clippers, clamping, differentiating and integrating pulse generations, timing circuits, and feedback circuits. (Lecture two hours, laboratory two hours)

**INT 229: Programmable Logic Controllers** 3  
Study of the use and application of PLC's in industry, their operation, logic concepts, hardware components, the input/output system, programming, editing, and documentation. (Lecture 2 hours, laboratory 2 hours)

**INT 243: Motion and Time Study** 3  
Study of principles involved in methods design and work measurement. Stop watch and micromotion studies of industrial operations and methods redesign utilizing human engineering principles. (Lecture two hours, laboratory two hours)

**INT 246: Numerical Control Fundamentals** 3  
Prerequisite(s): INT 142 and COS 101, or consent of instructor. Principles and techniques of controlling machine tools by means of numerical codes. Included is a study of E.I.A. and standards for numerical control. (Lecture two hours, laboratory two hours)

**INT 248: Robotics I** 3  
Survey of automated manufacturing with emphasis on involvement of robots, including history, development, and socio-economic implications. Introduction to robot operations and applications. (Lecture two hours, laboratory two hours)

**INT 249: Quality Control** 3  
Methods of controlling the quality of manufactured goods. Emphasizes techniques in the use of measurement devices and variables that affect the quality of the product. (Lecture two hours, laboratory two hours)

**INT 250: Robotics II** 3  
Prerequisite: INT 248. Introduction to the operation of robot controllers, work cell programming techniques using high-level language, and basic system operation with programmed and direct execution. (Lecture two hours, laboratory two hours)

**INT 253: Hydraulics/Pneumatics** 3  
Study of basic fluid power with emphasis on principles of oil hydraulics and pneumatics power as applied to modern industrial equipment. (Lecture two hours, laboratory two hours)

**INT 263: Plant Layout** 3  
Prerequisite: INT 142 or consent of instructor. Planning effective arrangement of physical facilities for manufacturing. Problems dealing with equipment location, space utilization, layout for operations and control, work flow, material handling.

## MATHEMATICS

**MAT 099: Fundamentals of Mathematics** 3  
Required of all freshmen whose placement data do not warrant enrollment in MAT 110 or above. Whole numbers, signed numbers, rational numbers, decimals, percentages, linear equations, squares and square roots, formulas, geometric formulas, ratios and proportions, unit conversions, and applications. (Does not count toward any degree requirements.)

**MAT 103: Foundations of Mathematics I** 3  
Prerequisite: Two units of high school mathematics or consent of instructor. Includes sets, whole number systems, numeration systems, bases, non-negative rational numbers, introduction to negative rational numbers. Special attention to the needs of elementary school teachers.

**MAT 104: Foundations of Mathematics II** 3  
Prerequisite: MAT 103. Continuation of MAT 103. Elementary number theory, modular arithmetic, real systems, and topics from geometry.

**MAT 110: Intermediate Algebra** 3  
Prerequisite: MAT 099 or appropriate scores on ACT or placement test. Sets, real numbers, graphs of equations, solutions of simultaneous equations, exponential notation, scientific notation, polynomials, rational expressions, quadratic equations, inequalities, absolute values, and radical expressions.

**MAT 120: Precalculus** 4  
Prerequisite: MAT 110 or advanced standing on the mathematics placement test. Set theory, functions, polynomial and rational functions, circular and trigonometric functions, exponential and logarithmic functions, and complex numbers.

**MAT 125: Linear Algebra and Differential Calculus with Business Applications** 3  
Prerequisite: MAT 110. This course covers functions of matrices, Gauss-Jordan reductions, systems of linear equations, derivatives, marginal cost, revenue and profit, and applied optimization problems.

**MAT 201: Calculus and Analytic Geometry I** 5  
Prerequisite: MAT 120 or advanced standing on mathematics placement test. Review of functions, limits of functions, derivatives and definite integrals of algebraic, exponential, and logarithmic functions, applications of the derivative and integral, and conic sections.

**MAT 202: Calculus and Analytic Geometry II** 5  
Prerequisite: MAT 201. Differentiation and integration of trigonometric and hyperbolic functions, techniques of integration, indeterminate forms, improper integrals, Taylor's formula, infinite sequences and series.

**MAT 206: Modern Geometry** 3  
Prerequisite: Consent of instructor. This course includes study of axiom systems, and Euclidean and projective geometries.

**MAT 301: Multivariate Calculus** 3  
Prerequisite: MAT 202. Calculus of vector-valued functions, partial differentiation, multiple integrals, curl, surface integrals and Stokes' theorem. Plane curves, polar coordinates, vectors, and three-dimensional analytic geometry.

**MAT 303: Differential Equations** 3  
Prerequisite: MAT 202. The study of first-order equations, linear equations, the Laplace transform, Picard's existence theorems, and systems of equations.

**MAT 307: Linear Algebra** 3  
Prerequisite: MAT 201. Coordinates, vectors, vector spaces, subspaces, Euclidean n-space, determinants, linear transformations, linear transformations and matrices, bilinear and quadratic forms are studied.

**MAT 314: Teacher's Arithmetic** 3  
Prerequisite: MAT 104. A review of the essentials of arithmetic, the development of skills and accuracy, and methods of teaching fundamentals of arithmetic in the elementary school.

**MAT 315: Numerical Analysis** 3  
Prerequisite: MAT 301. Techniques of numerical approximation in analysis and algebra.

**MAT 321: Probability and Statistics** 3  
Prerequisite: MAT 202. Probability, random variables, sampling theory, hypothesis testing, correlation, and regression are studied.

**MAT 401: Modern Algebra I** 3  
Prerequisite: Consent of instructor. Operations, permutations, groups, isomorphisms, factor groups, Sylow's theorems, and applications are discussed.



**MAT 402: Modern Algebra II** 3  
Prerequisite: MAT 401. Continuation of MAT 401. Rings, integral domains, quotient rings and ideals, extension fields, and vector spaces are studied.

**MAT 403: Real Analysis I** 3  
Prerequisite: MAT 301. Real numbers and Euclidean n-space, continuous functions, differentiable functions of one and several variables, and the Riemann integral are studied.

**MAT 404: Real Analysis II** 3  
Prerequisite: MAT 403. Classical Lebesgue integral, power series, curves, surfaces, integral theorem, divergence, and theorems of Green and Stokes are discussed. Some applications are examined.

**MAT 411: Topology** 3  
Prerequisite: Consent of instructor. Topological spaces, metric spaces, separation axioms, connectedness, compactness, continuity, product and quotient spaces.

**MAT 460: Mathematics Seminar** 3  
Prerequisite: Consent of instructor. Selected topics for individuals or small groups of students.

## MANAGEMENT

**MGT 323: Principles of Management** 3  
Prerequisite(s): ACC 262 and ECO 212; or ACC 261 and ECO 211 and/or consent of instructor. Fundamental principles underlying the management of business enterprises, based on planning, organizing, supervising, and controlling various functional activities.

**MGT 433: Personnel Administration** 3  
Prerequisite: MGT 323. An examination of supervision of employees and the development of policies relating to effective utilization of human resources in business concerns.

**MGT 452: Transportation and Business Logistics** 3  
Prerequisite: MGT 323. A study of the economics and principles of transportation service, location of industry, communications and order processing designs, and operations of a logistics system.

**MGT 455: Production Management** 3  
Prerequisites: ECO 312, ECO 321, and MGT 323. A study of management decision making in production and operations, using quantitative techniques to address demand forecasting, resource allocation, scheduling, and inventory control.

**MGT 460: Human Behavior in Organizations** 3  
Prerequisite: MGT 323. An analysis of the behavior of persons in organizational settings, including personality, values, motivation, leadership, authority in groups, and informal groups.

**MGT 465: Principles of Small Business Management** 3  
Prerequisite: MGT 323 or consent of instructor. A study of small-business management, entrepreneurship and problems of organizing and operating a small business.

**MGT 470: International Business Management** 3  
Prerequisite: ECO 329 or consent of instructor. A study of organizations engaged in international trade. Marketing information, relations with foreign governments, obtaining international orders, and international physical distribution management are discussed.

**MGT 490: Strategic Management** 3  
Prerequisite: Capstone course — Senior business administration major or consent of instructor. Explores the general management tasks of strategy formulation and implementation.

**MGT 499: Independent Study in Management** 3  
Prerequisite: Senior classification. Research and in-depth study of a particular management concept or problem under the direction of a faculty member.

## MARKETING

**MKT 351: Principles of Marketing** 3  
Prerequisite(s): ECO 212 or ECO 211 and consent of instructor. Study of the movement of goods from producers to consumers and examination of the marketing process, marketing institutions, channels of distribution, and policy considerations.

**MKT 410: Marketing Communications** 3  
Prerequisites: MGT 323 and MKT 351. A study of marketing communications concepts including identification of communications goals, analysis of advertising, personal selling, and sales promotions.

**MKT 420: Marketing Management** 3  
Prerequisites: MGT 323 and MKT 351. A study of the viewpoints of the marketing executive whose responsibility is coordination of the objectives and resources of the firm.

**MKT 430: Marketing Research** 3  
Prerequisites: ECO 312, MGT 323, and MKT 351. A study of the scope and applications of marketing research, research design, sampling methods and problems, data collection, and research report writing.

**MKT 440: Consumer Behavior** 3  
Prerequisite: MKT 351. A study of the factors determining consumers' behavior patterns, especially as affected by economics, psychology, social psychology, and cultural anthropology.

**MKT 453: Principles of Retailing** 3  
Prerequisite: MKT 351. A study of the fundamentals of buying, sales promotions, pricing control, and store finance of various retail enterprises.

**MKT 455: Sales Management** 3  
Prerequisites: MGT 323 and MKT 351. An examination of the requirements for a sound sales management function, including selection, training, and evaluation.

**MKT 495: International Marketing** 3  
Prerequisites: MGT 323 and MKT 351. Examines international marketing strategies and cultural, economic, political, and other environments in the international system.

**MKT 499: Independent Study in Marketing** 3  
Prerequisite: Senior classification. Research and in-depth study of a particular marketing concept or problem under the direction of a faculty member.

## MILITARY SCIENCE

**MLS 101: U.S. Military History I** 2  
Examines the role of the military in the nation's development and military operations and policy decisions that have shaped the military establishment.

**MLS 102: U.S. Military History II** 2  
Continuation of MLS 101. Further study of the role of the military in the development of the nation. Emphasis on time period of 1860 to present.

**MLS 201: Civil Military Relations** 2  
Examines the Army as an institution, the structure and the role of the Army within our democracy, and the Army officer as a professional.

**MLS 202: Small Unit Tactics** 2  
Examines the fundamentals of reading a military map and using those map-reading skills in developing leadership potential by using small-unit tactical operations.

**MLS 203: Basic Camp Practicum** 3  
Prerequisite: The student must have two years of college remaining. A six-week military training course conducted during the summer at Fort Knox, Kentucky. This course may be taken instead of the Basic Course Program.

**MLS 301: Leadership and Management I** 3  
Prerequisite: Completion of the Basic Course Program, or MLS 203, or consent of the Professor of Military Science (PMS). Focuses on tactics and the mechanics of leadership in a small unit. (Laboratory required).

**MLS 302: Advanced Tactics** 3  
Prerequisite: Completion of the Basic Course Program, or MLS 203, or consent of the Professor of Military Science (PMS). Focuses upon the development of basic tactical skills required to function as a commissioned officer within the military structure. (Laboratory required).

**MLS 303: Advanced Camp Practicum** 3  
Prerequisites: MLS 301 and MLS 302. A six-week summer course of practical exercises that fosters growth and maturity to develop performance techniques of tactical, technical, and administrative duties.

**MLS 341: Leadership and Management II** 3  
Prerequisite: Completion of the Basic Course Program, or consent of the Professor of Military Science (PMS). Directs student attention towards career development in the U.S. Army as a prospective junior officer; presents management guidance on command and staff relationships and responsibilities.

**MLS 342: Command Management** 3  
Prerequisite: Completion of the Basic Course Program, or consent of the Professor of Military Science (PMS). Focuses upon career development in the U.S. Army as a prospective officer; includes tactical operational orders and explores current problems in leadership of the Army.

## MUSIC EDUCATION

**MUE 331: Fundamentals and Methods for the Elementary School Music Teacher** 2  
Prerequisite: Music education major, or consent of instructor, or MUS 211. A study of school organization and administration, methods, materials, and philosophies of teaching music in grades K-5. (Lab required)

**MUE 332: Fundamentals and Methods for the Secondary School Music Teacher** 2  
Prerequisite: Music education major, or consent of instructor, or MUE 331. A study of school organization and administration (grades 6-12), methods, materials, and techniques of teaching music in the secondary school. (Lab required)

**MUE 333: Fundamentals of Music for Early Elementary Teachers** 3  
Open to non-Music majors. A course designed to meet the needs of early elementary teachers (K-4), emphasizing singing, listening, creative activities, use of Orff instruments, and basic keyboard skills.

**MUE 341: String Pedagogy** 1  
Prerequisite: MUS 262. A study of the fundamentals and techniques of teaching string instruments on the elementary and secondary levels.

**MUE 342: Voice Pedagogy** 1  
Prerequisite: MUS 262. A study of the fundamentals and techniques of teaching voice on the elementary and secondary levels.

**MUE 343: Woodwind Pedagogy I** 1  
Prerequisite: MUS 262. A study of the fundamentals and techniques of teaching woodwind instruments (flute, clarinet, and saxophone) on the elementary and secondary levels.

**MUE 344: Woodwind Pedagogy II** 1  
Prerequisite: MUE 343. A continuation of MUE 343. Includes study of the oboe, English horn, and bassoon.

**MUE 345: Brass Pedagogy** 1  
Prerequisite: MUS 262. A study of the fundamentals and techniques of teaching brass instruments on the elementary and secondary school levels.

**MUE 347: Percussion Pedagogy** 1  
Prerequisite: MUS 262. A study of the fundamentals and techniques of teaching percussion instruments on the elementary and secondary levels.

**MUE 348: Band Pedagogy** 1  
Prerequisite: MUS 262. A study of the fundamentals and techniques of teaching band instruments on the elementary and secondary levels. Designed primarily for the vocal major.

**MUE 349: Keyboard Pedagogy** 1  
Prerequisite: MUS 262. A study of the fundamentals and techniques of teaching piano in groups and to individual students of all ages.

**MUE 350: Accompanying Pedagogy** 1  
Prerequisite: Music major or consent of instructor. A study of the fundamentals and techniques of piano accompaniment. Includes assigned performances.

**MUE 353: Choral Conducting** 1  
Prerequisite: MUS 262. A study of basic conducting techniques through performance, analysis, and evaluation of choral literature.

**MUE 354: Instrumental Conducting** 1  
Prerequisite: MUS 262. A study of basic conducting techniques through performance, analysis, and evaluation of instrumental literature.

**MUE 435: Vocal Methods and Literature** 1  
Prerequisite: MUE 332. A study of the methods, materials, and techniques of teaching choral/vocal music at the elementary and secondary levels.

**MUE 437: Instrumental Methods and Literature** 1  
Prerequisite: MUE 332. A study of the methods, materials, and techniques of teaching instrumental music at the elementary and secondary levels.

## MUSIC

**MUS 099: Fundamentals of Music** 3  
Open to non-Music majors. An introduction to the fundamentals of music: clefs, scales, meters, and rhythms. Includes sight-singing, piano, ear training, and music terminology. (Does not count toward any of the Music Performance or Education degree requirements)

**MUS 101: Music Theory to 1450** 3  
Prerequisite: Successful completion of the Music Theory Placement Examination or MUS 099. Introduction to analysis and composition of music of the Middle Ages. Includes basic theoretical concepts, keyboard, eartraining, sight-singing, and basic contrapuntal techniques.

- MUS 102: Music Theory 1450-1650** 3  
Prerequisite: MUS 101. Introduction to basic concepts of music during the Renaissance and Baroque periods including cadences, non-chord tones, four-part harmonic writing, analysis, contrapuntal techniques.
- MUS 110: Class Piano I** 1  
Open to non-Music majors. A study of the fundamentals of piano playing to aid music students in preparing for the successful completion of the Placement Examination in piano.
- MUS 111: Class Piano II** 1  
Prerequisite: MUS 110. A continuation of MUS 110.
- MUS 120: Minor Applied I** 1  
One half-hour private lesson or one class period each week in primary or secondary performance areas. May be repeated on the same instrument once for credit. No audition required.
- MUS 130: Introduction to Music** 3  
Open to non-Music majors. An introduction to the basic elements of music, its styles, and cultural history.
- MUS 161: Major Applied I/Laboratory** 2  
Audition required. A study of materials and literature designed to prepare the student to meet the performance requirements in the principal area of study. Minimum of one hour-long lesson each week. (Performance lab required)
- MUS 162: Major Applied II/Laboratory** 2  
Prerequisite: MUS 161. A continuation of MUS 161. (Performance lab required)
- MUS 201: Music Theory 1650-1820** 3  
Prerequisite: MUS 102. Culmination of Baroque and Classical harmonic and contrapuntal techniques with emphasis on the music of J.S. Bach, Haydn, and Mozart.
- MUS 202: Music Theory 1820-1900** 3  
Prerequisite: MUS 201. Compositional techniques of the Nineteenth Century from Beethoven through Brahms with emphasis on the expanded chromatic harmony of the late Nineteenth Century.
- MUS 205: Music Composition I** 2  
Prerequisite: MUS 102 or consent of instructor. Individual or class instruction in the basic elements of composition. Includes written assignments in various styles and mediums.
- MUS 206: Music Composition II** 2  
Prerequisite: MUS 205. A continuation of MUS 205.
- MUS 207: Jazz Arranging and Composition I** 2  
Prerequisite: MUS 102. Individual and class instruction in composition and arranging in both traditional and contemporary music idioms for jazz ensemble, school stage band, or dance band.
- MUS 208: Jazz Arranging and Composition II** 2  
Prerequisite: MUS 207. A continuation of MUS 207.
- MUS 209: Jazz Improvisation** 2  
Open to non-Music majors. Class instruction in the development of individual jazz improvisational technique. May be repeated three times for credit.
- MUS 210: Class Piano III** 1  
Prerequisite: MUS 111. A continuation of MUS 111.
- MUS 211: Class Piano IV** 1  
Prerequisite: MUS 210. A continuation of MUS 210.

- MUS 220: Minor Applied II** 1  
Prerequisite: MUS 120. A continuation of MUS 120. May be repeated once on the same instrument for credit.
- MUS 251: Introduction to Electronic Music** 2  
Prerequisite: Consent of instructor. Introduction to musical acoustics, recording/editing techniques, the use of acoustically recorded sounds in electronic music, and the application of the synthesizer in composition.
- MUS 261: Major Applied III/Laboratory** 2  
Prerequisite: MUS 162. A continuation of MUS 162 at the sophomore level with literature and performance of increasing standards. (Performance lab required)
- MUS 262: Major Applied IV/Laboratory** 2  
Prerequisite: MUS 261. A continuation of MUS 261. (Performance lab required)
- MUS 300: Counterpoint** 2  
Prerequisite: MUS 202. A study of sixteenth and eighteenth century strict and free counterpoint, canon, invention, and fugue. Includes some twentieth century techniques.
- MUS 301: Form and Analysis** 2  
Prerequisite: MUS 202. A study of basic musical forms and genres (phrases, sonata form, rondo form, fugal and variation procedures) with emphasis on the common practice period.
- MUS 303: Orchestration** 2  
Prerequisite: MUS 202. A study of orchestration and arranging techniques for chamber ensemble, band, and orchestra.
- MUS 305: Advanced Composition I** 2  
Prerequisite: MUS 206. A continuation of Music 206. Individual or class instruction based on the needs and interests of the students. One or more major compositional projects are required.
- MUS 306: Advanced Composition II** 2  
Prerequisite: MUS 305. A continuation of MUS 305.
- MUS 311: Opera Workshop** 1  
Open to auditioned vocal students. A performing group concentrating on the study and performance of operatic literature from all periods. May be repeated for credit.
- MUS 320: Minor Applied III** 1  
Prerequisite: MUS 220. A continuation of MUS 220. May be repeated once on the same instrument for credit.
- MUS 321: Music History to 1685** 3  
Prerequisite: MUS 102. A survey of music and its development, from Antiquity through the early Baroque period. Representative musical compositions are emphasized.
- MUS 322: Music History 1685-1900** 3  
Prerequisite: MUS 102. A survey of music and its development, from the Baroque era through the Romantic era. Representative musical compositions are emphasized.
- MUS 323: African-American Music** 3  
Open to non-Music majors. A study of the development of African-American music, including spirituals, blues, jazz, symphonic literature, and miscellaneous songs.
- MUS 324: Twentieth Century Music** 2  
Prerequisites: MUS 301 and MUS 322. A study of major composers, styles, techniques, and literature of twentieth-century music.

- MUS 325: Jazz History and Literature** 3  
Open to non-Music majors. A survey of jazz, including its origins, major performers, and composers. All idioms and styles are studied using selected readings and recordings.
- MUS 326: Music Literature to 1685** 3  
Prerequisite: MUS 202. A chronological survey of the stylistic characteristics of representative musical works from the Middle Ages to the early Baroque period.
- MUS 327: Music Literature 1685-1900** 3  
Prerequisite: MUS 326. A continuation of MUS 326. A chronological survey of the stylistic characteristics of representative musical works from the early Baroque to the late Romantic period.
- MUS 328: Piano Literature** 3  
Prerequisite: MUS 327. An analytical and historical study of piano literature through analysis of representative works from the 17th Century to the present.
- MUS 329: Vocal Literature** 3  
Prerequisite: MUS 327. A survey of vocal solo literature from the sixteenth through the twentieth century with emphasis on the interpretation and performance of different styles.
- MUS 330: Instrumental Literature** 3  
Prerequisite: MUS 327. Independent study or class instruction examining representative works from each style period along with a discussion of performance problems.
- MUS 336: Phonetics and Diction** 1  
Prerequisite: MUS 262. A study of English, German, Italian, and French diction in vocal music with the utilization of the International Phonetic Alphabet.
- MUS 355: Jazz Ensemble** 1  
Open to auditioned instrumental and vocal students. An ensemble designed to allow students an opportunity to perform music in the jazz idiom. May be repeated for credit.
- MUS 357: Vocal Commercial Music Ensemble** 1  
Open to auditioned vocal and instrumental students. An introduction to essential skills for the commercial vocal musician. May be repeated for credit.
- MUS 358: Instrumental Commercial Music Ensemble** 1  
Open to auditioned instrumental and vocal students. An introduction to essential skills for the instrumental commercial musician. May be repeated for credit.
- MUS 361: Major Applied V/Laboratory** 2-3  
Prerequisite: MUS 262. A continuation of MUS 262 at the junior level with literature and performance of increasing standards. Two semester credit hours for Music Education majors; Three semester credit hours for Performance majors. (Performance lab required)
- MUS 362: Major Applied VI/Laboratory** 2-3  
Prerequisite: MUS 361. A continuation of MUS 361. (Performance lab required)
- MUS 375: Gospel Ensemble** 1  
Open to all students. A performing ensemble concentrating on traditional and contemporary gospel literature. May be repeated for credit.
- MUS 381: Marching Band** 1  
Open to all students through audition. A performing ensemble engaged in the preparation for and performance at University functions, including athletic events. May be repeated for credit.

- MUS 382: Concert Band** 1  
Open to all students through audition. A performing ensemble designed primarily for the general student desiring continuation of instrumental music experience. May be repeated for credit.
- MUS 383: Small Vocal Ensemble** 1  
Open to auditioned vocal students. A mixed ensemble organized for the performance of chamber and special literature including madrigals and motets. May be repeated for credit.
- MUS 384: Pep Band** 1  
Open to all students through audition. A small performing ensemble engaged in the preparation for and performance at University functions, including athletic events. May be repeated for credit.
- MUS 385: Wind Ensemble** 1  
Open to auditioned instrumental students. A select instrumental ensemble engaged in performance of literature in the wind repertoire. May be repeated for credit.
- MUS 386: Concert Choir** 1  
Open to auditioned vocal students. A mixed performing ensemble organized for the study of sacred and secular choral literature. May be repeated for credit.
- MUS 387: Instrumental Chamber Music: Woodwinds** 1  
Open to auditioned woodwind students. A study through performance of representative chamber literature for woodwind ensemble. May be repeated for credit.
- MUS 388: Instrumental Chamber Music: Brass** 1  
Open to auditioned brass students. A study through performance of representative chamber literature for brass ensemble. May be repeated for credit.
- MUS 389: Instrumental Chamber Music: Percussion** 1  
Open to auditioned percussion students. A study through performance of representative chamber literature for percussion ensemble. May be repeated for credit.
- MUS 399: Junior Recital** 1  
Prerequisite: MUS 361. For all Music Performance majors. A public recital requiring a minimum of 30 minutes of music.
- MUS 403: Arranging** 2  
Prerequisite: MUS 202. Private or class instruction in practical arranging for vocal or instrumental ensembles. May be repeated three times for credit.
- MUS 420: Minor Applied IV** 1  
Prerequisite: MUS 320. A continuation of MUS 320. May be repeated once on the same instrument for credit.
- MUS 461: Major Applied VII/Laboratory** 2-4  
Prerequisite: MUS 362. A continuation of MUS 362 with literature and performance of increasing standards. Two semester credit hours for Music Education majors; four semester credit hours for Music Performance majors. (Performance lab required)
- MUS 462: Major Applied VIII/Laboratory** 3  
Prerequisite: MUS 461. For music performance majors only. A continuation of MUS 461 with literature and performance of increasing standards. (Performance lab required)
- MUS 499: Senior Recital** 1-2  
Prerequisite: MUS 461. For all music majors. A public recital requiring a minimum of 30 minutes of music (Music Education majors) or a minimum of 45 minutes of music (Music Performance majors).



## NURSING

- NUR 101: Nursing I** 8  
Prerequisite: Admission to Nursing program. Focuses on basic human needs and development, interpersonal relationships, and beginning skills of patient care. Clinical laboratory experience provided. (Four hours of lecture and eight hours of clinical laboratory per week.)
- NUR 102: Nursing II (RTWE)** 8  
Prerequisite: NUR 101. Application of scientific, nursing principles and techniques, therapeutic relationships, and behavioral concepts essential to psychiatric and general hospital patients. (Four hours of lecture, eight hours of clinical laboratory per week.)
- NUR 201: Nursing III (RTWE)** 10  
Prerequisite: NUR 102. Preparation for giving family-centered nursing care and applying nursing principles/techniques in maternal care during maternity cycle/child care from conception through adolescence. (Five hours of lecture, ten hours of clinical laboratory per week.)
- NUR 202: Nursing IV (RTWE)** 10  
Prerequisite: NUR 201. Focuses on developing a coordinated approach to planning and implementing nursing care for patients with major health disorders. (Five hours of lecture, ten hours of clinical laboratory per week.)
- NUR 203: Nursing V (RTWE)** 2  
Prerequisite: NUR 201. Seminar discussion of issues and trends in nursing, legal and ethical components, job opportunities, career satisfaction, continuing education, and professional responsibilities. (Two hours of lecture per week.)

## OFFICE ADMINISTRATION

- OAD 100: Elementary Typing** 2  
Basic keyboarding instruction using an electronic keyboard. Includes letters; tables; manuscripts; mastery of alphabets, figures/symbols on keyboard; development of minimum of 25 words per minute.
- OAD 103: Typing I** 3  
Prerequisite: Placement or successful completion of OAD 100. Emphasizes speed and control in keyboarding on electronic keyboard; includes business letters, business forms, tabulations, manuscripts, legal documents, and text-editing skills.
- OAD 104: Typing II** 3  
Prerequisite: OAD 103 or placement. Emphasis on production work incorporating office problems using the electronic keyboard for solutions. Emphasizes skill level of speed and document formatting.
- OAD 121: Introduction to Business** 3  
A study of the fundamental principles of business organization, finance, banking, credit management, marketing, advertising, and entrepreneurship.
- OAD 211: Elementary Stenography** 3  
Mastery of the principles of Gregg Shorthand with emphasis on the reading and writing of shorthand notes.
- OAD 212: Advanced Stenography** 3  
Prerequisite: OAD 211 or placement. Emphasis is upon speed and accuracy in recording dictation and transcribing.
- OAD 215: Dictation and Transcription** 3  
Prerequisite: OAD 212. Includes general, medical, and legal dictation and transcription at high speeds; the acquisition of transcribing skills for a mailable transcript from high-speed dictation.

- OAD 219: Machine Transcription** 3  
Prerequisite: Placement or successful completion of OAD 100. Develops proficiency in transcribing data originated on recording media. Emphasizes improvement of listening, language arts, and keyboarding skills. Includes general medical and legal dictation.
- OAD 220: Communication for the Office** 3  
Prerequisites: OAD 100 or equivalent, and ENG 101. Application of communication theory to the writing of letters, memos, and short business reports.
- OAD 222: Office Systems Procedures** 3  
Prerequisites: OAD 104 and either OAD 212 or OAD 219. Combines skills of electronic keyboarding, business calculations, accounting, and basic office procedures. Includes general use, medical, and legal office problems and procedures.
- OAD 224: Information and Records Management** 3  
Principles of applying scientific control and utilizing information technology for creating, processing, and storing records. Involves data storage, retrieval and presentation.
- OAD 225: Electronic Applications in Mathematics** 3  
Prerequisite: MAT 110. The application of electronic technologies to mathematical, accounting, and statistical problems.
- OAD 230: Word Processing** 3  
Experience in the operation of a word processing system; provides for knowledge and understanding of some of the basic concepts and careers in the field of word processing.
- OAD 231: Information Processing** 3  
Prerequisite: OAD 230 or consent of instructor. Advanced course in information processing where students learn advanced operations associated with information processing systems, including math support and records management.
- OAD 242: Office Management** 3  
Planning and directing the functional services of business and professional offices, including the office building, systems, layout, budgets, personnel, and control.
- OAD 250: Word Processing Supervision** 3  
Prerequisite: OAD 230. The planning, organization and supervision of word/information processing activities, including systems layout, staffing, evaluation, standards, and budgets.

## PHYSICAL EDUCATION

- PHE 101: Volleyball** 1  
Fundamental skills, techniques, terminology, and rules of volleyball. (Two labs per week)
- PHE 102: Basketball** 1  
Fundamental skills, techniques, terminology and rules of basketball. (Two labs per week)
- PHE 103: Football (Flag)** 1  
Fundamental skills, techniques, terminology, and rules of flag football. (Two labs per week)
- PHE 104: Softball** 1  
Fundamental skills, techniques, terminology, and rules of softball. (Two labs per week)
- PHE 105: Soccer** 1  
Fundamental skills, techniques, terminology, and rules of soccer. (Two labs per week)

- PHE 105: Soccer** 1  
Fundamental skills, techniques, terminology, and rules of soccer. (Two labs per week)
- PHE 109: Beginning Swimming** 1  
Designed to teach students basic skills in swimming, diving, and water safety. (Two labs per week)
- PHE 110: Beginning Tennis** 1  
Fundamental skills, techniques, terminology, and rules of tennis. (Two labs per week)
- PHE 111: Track and Field** 1  
Fundamental skills, techniques, terminology, and rules of track and field. (Two labs per week)
- PHE 112: Badminton** 1  
Fundamental skills, techniques, terminology, and rules of badminton. (Two labs per week)
- PHE 113: Golf** 1  
Fundamental skills, techniques, terminology, and rules of Golf. (Two labs per week)
- PHE 115: Archery** 1  
Fundamental skills, techniques, terminology, and rules of archery. (Two labs per week)
- PHE 116: Racquetball** 1  
Fundamental skills, techniques, terminology, and rules of racquetball. (Two labs per week)
- PHE 117: Bowling** 1  
Fundamental skills, techniques, terminology, and rules of bowling. (Two labs per week)
- PHE 118: Body Conditioning/Physical Fitness** 1  
Designed to help the student understand the basis of physical fitness and develop a systematic program of exercise. (Two labs per week)
- PHE 121: Karate I** 1  
An introduction to physical and metaphysical aspects of the art of self defense, meditation, and relaxation. (Two labs per week)
- PHE 122: Karate II** 1  
An advanced course for students who are serious about the pursuit of the martial arts. (Two labs per week)
- PHE 123: Aerobic Dance I** 1  
Designed to improve the cardiovascular system and to promote an understanding of aerobics in the prevention of heart disease. (Two labs per week)
- PHE 124: Aerobic Dance II** 1  
Assists students in determining their level of cardiovascular fitness and in designing a personal aerobics program. (Two labs per week)
- PHE 131: Alpine Skiing** 1  
An individualized Alpine Skiing course taught by Certified Ski School instructors on the staff at SKI Butler. Individualized instruction at beginner, intermediate, advanced, and competition levels.
- PHE 145: Intermediate Tennis** 1  
Prerequisite: PHE 110. Review of beginning tennis skills. Emphasis on strategy and improvement of skills. (Two labs per week)
- PHE 201: Team Sports Volleyball** 1  
Prerequisite: Physical Education major. Designed to expose the student to intermediate techniques of performance, and teaching techniques of volleyball. (One lecture, one lab per week)

- PHE 202: Team Sports Basketball** 1  
Prerequisite: Physical Education major. Designed to expose the student to intermediate techniques of performance, and teaching techniques of basketball. (One lecture, one lab per week)
- PHE 203: Team Sports Football (Flag)** 1  
Prerequisite: Physical Education major. Designed to expose the student to intermediate techniques of performance, and teaching techniques of flag football. (One lecture, one lab per week)
- PHE 204: Team Sports Softball** 1  
Prerequisite: Physical Education major. Designed to expose the student to intermediate techniques of performance, and teaching techniques of softball. (One lecture, one lab per week)
- PHE 205: Team Sports Soccer** 1  
Prerequisite: Physical Education major. Designed to expose the students to intermediate techniques of performance, and teaching techniques of soccer. (One lecture, one lab per week)
- PHE 210: Individual Sports Tennis** 1  
Prerequisite: Physical Education major. Designed to expose the students to intermediate techniques of performance, and teaching techniques of tennis. (One lecture, one lab per week)
- PHE 211: Individual Sports Track and Field** 1  
Prerequisite: Physical Education major. Designed to expose the students to intermediate techniques of performance, and teaching techniques of track and field. (One lecture, one lab per week)
- PHE 212: Individual Sports Badminton** 1  
Prerequisite: Physical Education major. Designed to expose the students to intermediate techniques of performance, and teaching techniques of badminton. (One lecture, one lab per week)
- PHE 213: Individual Sports Golf** 1  
Prerequisite: Physical Education major. Designed to expose the students to intermediate techniques of performance, and teaching techniques of golf. (One lecture, one lab per week)
- PHE 218: Teaching Body Conditioning** 1  
Prerequisite: Physical Education major. Designed to expose the students to intermediate techniques of performance, and teaching techniques of body conditioning and physical fitness. (One lecture, one lab per week)
- PHE 240: Intermediate Swimming** 1  
Review of beginning swimming skills. Instruction in techniques of all strokes useful to recreational swimming. (Two labs per week)
- PHE 257: Elementary Rhythmic and Dance Activities** 2  
Designed to expose the prospective teacher to a variety of rhythmic and dance activities. (One lecture, one lab per week)
- PHE 258: Individual and Team Sports for the Elementary School** 2  
Designed to expose the prospective teacher to a variety of low-organized and lead-up game activities. (One lecture, two labs per week)
- PHE 259: Movement and Gymnastic Activities for the Elementary School** 2  
Designed to expose the prospective teacher to a variety of movement, gymnastic apparatus, stunt and tumbling activities. (One lecture, two labs per week)

- PHE 260: Methods and Materials, Elementary School Physical Education Activities** 2  
Designed to provide the prospective teacher with an opportunity to implement effective instructional programs. (One lecture, two labs per week)
- PHE 310: Army Fitness Program** 2  
Designed to help students understand and participate in a physical fitness training program. (Three labs per week)
- PHE 320: Adapted Physical Education** 3  
Prerequisite: PHE 331. Designed to familiarize students with conditions that limit individual participation in physical activity. (Two lectures, one lab per week)
- PHE 323: Principles of Physical Education** 3  
An introduction to the historical, philosophical, biological, physiological, sociological, and political principles of physical education and sports. (Three lectures per week)
- PHE 324: Sports Injury: Prevention/Care** 3  
Prerequisite: BIO 301. Designed to introduce the student to sports medicine. Laboratory experience is provided. (Two lectures, one lab per week)
- PHE 330: Physiology of Exercise** 4  
Prerequisite: BIO 301. Designed to present the physiological effects of exercise on the various body systems. (Two lectures, one lab per week)
- PHE 331: Kinesiology/Biomechanics** 4  
Prerequisite: BIO 301. Designed to provide an understanding of the anatomical and mechanical aspects of human movement. (Three lectures, one lab per week)
- PHE 332: Motor Development/Motor Learning** 3  
Prerequisite: EDU 221. Introduces students to major concepts of motor development and motor learning. Includes application of these concepts to the teaching of motor skills.
- PHE 333: Psych/Socio Aspects of Sports** 3  
Prerequisite: PSY 200 or SOC 203. Aids the prospective teacher/coach to understand and apply the psychological and sociological concepts of sports and physical activity in the learning environment.
- PHE 351: Lifeguard Training** 2  
Prerequisites: CPR Certification, PHE 107, and PHE 240 or comparable skills. Leads to certification by the American Red Cross. (Two labs per week)
- PHE 352: Water Safety Instructor** 2  
Prerequisite: American Red Cross Advanced Lifesaving Certificate. Training in teaching swimming. American Red Cross Water Safety Instructor certification upon successful completion. (Two labs per week)
- PHE 355: Sports Officiating** 2  
Intensive study of playing rules, rule interpretation, and techniques and mechanics of officiating. (Two lectures, one lab per week)
- PHE 360: Coaching Competitive Athletics** 2  
Introduction to the theories and practices pertaining to athletic performance and athletic management for coaching. (Two lectures per week)
- PHE 381: Coaching Volleyball and Basketball** 2  
Theory, strategy, and mechanics of coaching volleyball and basketball. (Two lectures per week)

- PHE 382: Coaching Track and Field Events** 2  
Theory, strategy, and mechanics of coaching track and field events. (Two lectures per week)
- PHE 383: Coaching Soccer and Football** 2  
Theory, strategy, and mechanics of coaching soccer and football. (Two lectures per week)
- PHE 384: Coaching Baseball and Softball** 2  
Theory, strategy, and mechanics of coaching baseball and softball. (Two lectures per week)
- PHE 389: Legal Aspects of Coaching Athletics** 2  
Provides the student with knowledge and understanding of applications of law to the specific areas of school physical education and athletic programs. (Two lectures per week)
- PHE 390: Scientific Basis of Coaching** 2  
Introduces the student to the scientific disciplines that undergird sound athletic coaching practices: sport psychology, biomechanics, and exercise physiology. (One lecture, one lab per week)
- PHE 391: Psychology of Motor Learning** 2  
Provides the student with knowledge and understanding of skill acquisition and motor performance applicable when participating in sport activities. (One lecture, one lab per week)
- PHE 401: Tests and Measurements for Health and Physical Education** 3  
Prerequisite: MAT 110. The theory of measurement and statistical techniques. Includes construction of tests and the measuring of physical fitness and motor performances. (Two lectures, one lab per week)
- PHE 421: Organization and Administration of Health and Physical Education** 3  
Prerequisite: PHE 323. Introduces the student to the principles, organization, and administration of school health, physical education, and intramural and interscholastic sports programs. (Three lectures per week)
- PHE 423: Advanced Techniques in Athletic Training** 3  
Prerequisite: PHE 324. This course focuses on the causes, symptoms, and appropriate emergency care for the injured athlete. (One lecture, two labs per week)
- PHE 424: Athletic Training Field Experience** 2  
Prerequisite: PHE 423. Students obtain field experience under the direct supervision of a certified athletic trainer.
- PHE 425: Athletic Training High Impact Field Experience** 2  
Prerequisite: PHE 423. Students obtain high impact field experience under the direct supervision of a certified athletic trainer.

## PHILOSOPHY

- PHI 200: Introduction to Philosophy (RTWE)** 3  
An introductory study of some classical philosophical issues. Includes the mind-body problem; free will, determinism, and moral responsibility; and arguments concerning the existence of God.
- PHI 210: Introduction to Logic (RTWE)** 3  
An introductory study of the art of reasoning. Attention to fallacies, inductive inference, traditional Aristotelian logic, and the modern logic of truth-functions.
- PHI 310: Moral Philosophy (RTWE)** 3  
An introductory study of major issues in normative ethical theory and selected applied topics of social-ethics, such as abortion and euthanasia.

- PHI 330: Philosophy of Religion (RTWE)** 3  
An analytical and critical investigation of arguments concerning the existence and nature of God. Notions of survival after death and the epistemology of religious claims.
- PHI 390: Bioethics (RTWE)** 3  
An exploration of ethical issues arising from modern biology and medicine, including altruism and sociobiology, abortion, birth control technology, euthanasia, and genetic engineering.
- PHI 400: Metaphysics** 3  
Prerequisite: PHI 200 or 210 or consent of instructor. A critical investigation of arguments concerning categorical concepts: including time, space, modal concepts, and causality. Emphasis upon contemporary Anglo-American metaphysicians.
- PHI 490: Survey of Basic Mathematical Logic** 3  
Prerequisite: PHI 210 or one course above MAT 110. A survey of sentential and quantificational language systems and their calculi. Includes proofs of functional completeness, meta-theorems, Godel's proof, and elements of modal logic.

## PHYSICAL SCIENCES

- PHS 201: Physical Sciences I** 3  
Introduction to basic principles of physical phenomena of the universe. Among the topics discussed are geology, astronomy, and meteorology.
- PHS 202: Physical Sciences II** 3  
Introduction to basic principles of physical phenomena of the universe. Among the topics discussed are chemistry and physics as they apply to explaining physical phenomena.
- PHS 203: Physical Sciences Laboratory** 1  
Laboratory exercises and demonstrations designed to show basic applications of chemistry and physics to topics in astronomy and geology. (Two hours of laboratory per week)

## PHYSICS

- PHY 111: Introduction to Physics I** 3  
Prerequisite: MAT 110 (may be taken concurrently). This course is an introduction to mechanics, gravitation, friction, elasticity, heat, and sound. (Two hours of lecture, two hours of laboratory per week)
- PHY 112: Introduction to Physics II** 3  
Prerequisite: PHY 111. Corequisite: MAT 120. This course is an introduction to electricity, magnetism, light, molecular and atomic physics. (Two hours of lecture, two hours of laboratory per week)
- PHY 207: Physics in Biological Science I** 4  
Prerequisite: MAT 120. A study of rigid-body mechanics, gravitation, friction, elasticity, harmonic motion, sound, fluid mechanics, heat transfer, and kinetic theory, with particular attention to living systems. (Three hours of lecture, two hours of laboratory per week)
- PHY 208: Physics in Biological Science II** 4  
Prerequisite: PHY 207. Continuation of PHY 207, with study of electricity, magnetism, electrical circuits, light, optical systems, molecular and atomic structure, and radiation. (Three hours of lecture, two hours of laboratory per week)
- PHY 211: General Physics I** 4  
Prerequisite: PHY 112 or consent of instructor. Corequisite: MAT 201. Study of the calculus-based description of rigid-body mechanics, gravitation, friction, elasticity, fluid mechanics, harmonic motion, sound, thermometry, and heat transfer. (Three hours of lecture, two hours of laboratory per week)

- PHY 212: General Physics II** 4  
Prerequisite: PHY 211. Corequisite: MAT 202. Continuation of PHY 211. Electricity, magnetism, electrical circuits and devices, optics, atomic and molecular physics, kinetic theory and radiation physics are studied. (Three hours of lecture, two hours of laboratory per week)
- PHY 311: Statics** 3  
Prerequisites: PHY 211 and MAT 202. The analysis of gravitational, elastic, and frictional forces in static rigid bodies and structures. (Three hours of lecture)
- PHY 320: Thermodynamics** 4  
Prerequisites: PHY 211 and MAT 202. Equations of state, energy, enthalpy, and entropy of several fundamental physical systems; includes laws of thermodynamics applied to these systems and to common engines. (Three hours of lecture, two hours of laboratory per week)
- PHY 340: Electricity and Magnetism** 4  
Prerequisite: PHY 212. Corequisite: MAT 303. Electric and magnetic forces; fields and potentials accompanying charge and current in vacuum/dielectrics/conductors. Motion of charged particles, electromagnetic waves, electrical circuits and devices. (Three hours of lecture, two hours of laboratory per week)
- PHY 361: Modern Physics** 4  
Prerequisite: PHY 212. PHY 320 is recommended. Corequisite: MAT 303. Kinetic theory of gases; bonding forces (liquids/solids); statistical thermodynamics; thermal, electrical, and magnetic properties; photon and electron characteristics; atomic and nuclear structures and radiations. (Three hours of lecture, two hours of laboratory per week)

## POLITICAL SCIENCE

- POS 101: American Government** 3  
A study of the formal and informal institutions of American national government and politics including: the Constitution, the presidency, Congress, the federal court system, etc.
- POS 160: State and Local Government** 3  
Prerequisite: POS 101. An examination of the structure and function of state and local political institutions; the forms of political participation and various policy issues.
- POS 201: Metropolitan Government** 3  
A study of municipal government and metropolitan problems, including politics, the role of the city council, the mayor, and the city manager.
- POS 211: Introduction to Political Science** 3  
An introduction to the study of behavior in a political context, including an analysis of behavioral concepts, such as political roles, groups, and power.
- POS/PSY/SOC/SOW 300: Statistics for the Behavioral and Social Sciences** 3  
Prerequisite: A background in basic algebra. This course serves as an introduction to the use of statistics as a method of describing and analyzing data from research in the behavioral and social sciences.
- POS/PSY/SOC/SOW 301: Research Methods for the Behavioral and Social Sciences** 3  
Prerequisite: POS/PSY/SOC/SOW 300 or consent of instructor. This course introduces the basic logic, knowledge, and skills of research design and methodology in the behavioral and social sciences.



- POS 311: Comparative Government** 3  
Prerequisite: POS 211. An analysis of the major political systems of Europe with emphasis on Great Britain, France, the German Federal Republic, and the Soviet Union.
- POS 322: Legislative Process** 3  
Prerequisite: POS 160. A comprehensive study of legislative organization, procedures and problems governing the legislative power structure, the selection of legislators and the roles they play.
- POS 331: American Constitutional Law** 3  
Prerequisite: POS 160. An analysis of the constitutional development of separation of powers, federalism, the regulation of commerce, contracts, taxing and spending, and the state police power.
- POS 341: Introduction to Public Administration** 3  
Prerequisites: POS 160 and POS 201. An introduction to the functions and problems of public administration, emphasizing the types of government organization, lines of responsibility, personnel management, and fiscal processes.
- POS 355: Classical Political and Sociological Theory** 3  
Prerequisite: Consent of instructor. An examination of western political philosophy from Plato to Marx with emphasis on Plato, Aristotle, Machiavelli, Hobbes, Locke, Rousseau, and Marx.
- POS 361: World Politics** 3  
An examination of the dynamics of world politics, international tension, conflict, and resolution.
- POS 431: The Constitution and Civil Liberties** 3  
Prerequisites: POS 160 and POS 211. An examination of constitutional development: the definition of American rights in the areas of freedom of speech, press, assembly, association, and religion.
- POS 446: American Political Executives** 3  
Prerequisites: POS 201, POS 211, and POS 331. An analytical examination of the powers, duties, and functions of American political executives in national, state, and local governments.
- POS 461: American Politics** 3  
Prerequisite: POS 160. An advanced political science course that addresses the American political heritage; specific emphasis is placed on the Constitution, political behavior, and electoral systems.
- POS 462: Politics of Developing Nations** 3  
Prerequisite: POS 211. A comparative analysis of political culture, processes and problems of selected nations, the majority of which have become independent since World War II.
- POS 464: African Politics** 3  
Prerequisite: Consent of instructor. A survey course designed to introduce students to African political structure, its historical background, the impact of colonization, recent trends, and ideologies.
- POS 291, 391, 491: Political Science Internship I, II, III** 3-12  
Prerequisites: Political Science major or minor and consent of instructor. A semester or session of supervised practical experience to complement classroom instruction. Final grade, placement, and number of semester credit hours determined by student's advisor.
- POS 495: Directed Study in Political Science** 3  
Prerequisite: Consent of instructor. Course content, instructional activities, and student assignments are tailored to specific needs.

## PSYCHOLOGY

- PSY 095: Test Taking Skills Across the Curriculum** 3  
Designed to provide students with test-taking skills and strategies that will help consolidate knowledge to improve performance on standardized tests. (Does not count toward any degree requirements).
- PSY 200: General Psychology** 3  
A first course in human behavior. Among the topics covered are heredity and environment, development of the individual, motivation, emotion, perception, personality, and abnormal behavior.
- PSY 250: The Brain** 3  
Prerequisite: PSY 200 or BIO 101 or above. Offered as the KET Telecourse, "The Brain," explores the relationship of the brain's physiology to human behavior.
- PSY/POS/SOC/SOW 300: Statistics for the Behavioral and Social Sciences** 3  
Prerequisite: A background in basic algebra. This course serves as an introduction to the use of statistics as a method of describing and analyzing data from research in the behavioral and social sciences.
- PSY/POS/SOC/SOW 301: Research Methods for the Behavioral and Social Sciences** 3  
Prerequisite: POS/PSY/SOC/SOW 300 or consent of instructor. This course introduces the basic logic, knowledge, and skills of research design and methodology in the behavioral and social sciences.
- PSY 303: Theories and Methods in Developmental Psychology** 3  
Prerequisite: PSY 200. Theories and research methods of developmental psychology, including psychoanalytic, cognitive, and behavioral methodologies; and the development of language, personality, cognition, and social behavior are explored.
- PSY 304: Experimental Psychology** 3  
Prerequisites: PSY 200, PSY 300, and 301. May be taken concurrently with PSY 301. An introduction to laboratory procedures and the use of experimental designs to study psychological processes. A laboratory course.
- PSY 320: History and Systems of Psychology** 3  
Prerequisite: PSY 200 or consent of instructor. Exploration of the history of psychology as a scientific approach to understanding behavior from the ancient Greeks to the present.
- PSY 400: Abnormal Psychology** 3  
Prerequisite: PSY 200. A study of the nature and concept of abnormality; problems and schemes of classification; and the theories, symptoms, etiology, and treatment of deviant behavior.
- PSY 401: Personality Theory** 3  
Prerequisite: PSY 200. Major theories of personality and personality development are closely examined, including the relationship of personality to motivation, attitudes and values, and abnormal behavior.
- PSY 402: Industrial Psychology** 3  
Prerequisite: PSY 200. Application of general principles of psychology to the industrial setting with emphasis on job analysis; worker analysis; work-fatigue accidents; human engineering; and worker effectiveness.
- PSY/SOC 403: Social Psychology** 3  
Prerequisite(s): PSY 200 and SOC 203, or consent of instructor. A study of social and individual dynamics, social roles, attitude formation and change with emphasis on behavioral variation and social control.

- PSY 404: Psychological Assessment** 3  
Prerequisite: PSY 200. A survey course of broad categories into which psychological assessment instruments and techniques can be divided; the study of existing assessment instruments and techniques.
- PSY 405: Seminar in Psychology I** 3  
Prerequisites: PSY 300 and PSY 301. A specific area of psychology will be studied based on current trends and students needs. (This course should be taken in the junior year.)
- PSY 406: Seminar in Psychology II** 3  
Prerequisite: PSY 405 (Psychology minors may substitute either PSY 300 or 301 for PSY 405). The same format as PSY 405 with a different area of psychology intensively studied.
- PSY 407: Theories in Psychotherapy** 3  
Prerequisites: PSY 400 and PSY 401. Approaches to the treatment of mental disorders are examined from a multidisciplinary perspective.
- PSY 408: Learning and Motivation.** 3  
Prerequisite: PSY 200. The scientific investigation of the learning process, the study of empirical laws of learning, their derivation from human and animal research focusing upon behavioral variables.
- PSY 409: Cognitive Psychology** 3  
Prerequisite: PSY 200. An intensive study of the growing field of cognitive psychology. The course explores concepts of memory, attention, thinking, and language with reflections on information processing and artificial intelligence.
- PSY 410: Physiological Psychology** 3  
Prerequisite: PSY 200. The study of the neurophysiological bases of behavior, with emphasis on neuroanatomy and the physiology of learning, motivation, emotion, and sensation.
- PSY 411: Sensation and Perception** 3  
Prerequisites: PSY 200 and PSY 304. Human sensory and perceptual processes will be examined. Major theories and experimental findings will be presented. Includes laboratory assignments.

## PUBLIC ADMINISTRATION

- PUA 170: Public Sector Management** 3  
A survey of the managerial issues in the government agencies including organization, personnel, budget, political accountability, clientele relations, and human resources development.
- PUA 181: Contemporary Public Policy Issues** 3  
An overview of selected public policy issues in America. The choice of topics may include tax policy, health care, welfare, and foreign policy.
- PUA 202: Computer Applications in the Public Sector** 3  
Prerequisite: PUA 170 or consent of instructor. A survey of managerial use of computers in meeting the needs of governmental program management.
- PUA 203: Introductory Statistics for Public Administrators** 3  
Prerequisite: PUA 170 or consent of instructor. Introduction to statistics with emphasis on applications involving public sector data.
- PUA 301: Public Budgeting Processes** 3  
Prerequisite(s): PUA 170 and POS 101, or consent of instructor. An examination of the managerial components of budgetary processes in the government agencies.

- PUA 303: Research Methods in Public Administration (RTWE)** 3  
Prerequisite(s): PUA 170 and PUA 203, or consent of instructor. Application of social science research techniques to the problems of public sector management. Development of analytical perspectives in evaluating administrative research reports.
- PUA 304: Comparative Administrative Systems and Policies** 3  
Prerequisite: PUA 170 or consent of instructor. An analysis of public management in selected nations with specific focus on the comparison of public policies, programs, and their implementations.
- PUA 322: Management Information Systems** 3  
Prerequisites: PUA 170, PUA 202, PUA 203, and PUA 303. This course examines the psychological and behavioral aspects of information systems, conceptual life cycles, and information controls.
- PUA 400: Policy Analysis and Program Evaluation** 3  
Prerequisite(s): PUA 170, PUA 203, PUA 303, and ECO 211 or consent of instructor. Analysis of the impact of programs and policies in the public sector.
- PUA 401: Organizational Behavior and the Bureaucratic Structure** 3  
Prerequisite: PUA 170 or consent of instructor. A study of behavior in public organizations and practical use of organizational theories in effective public management.
- PUA 402: Human Resources Management in Public Agencies** 3  
Prerequisite: PUA 170 or consent of instructor. An introduction to human resource management. The topics may include recruitment, personnel development, job analysis, productivity, employee assistance services, and grievance analysis.
- PUA 403: Legal Issues in Public Administration** 3  
Prerequisite: PUA 170 or consent of instructor. Introduction to the study of administrative law emphasizing its formulation, interpretation, and applications in government agencies.
- PUA 404: African Public Administration and Policies** 3  
Compares the administrative system of Sub-Saharan African countries in light of prevailing political, legal, economic, and cultural influences.
- PUA 405: Public Policy Issues in Kentucky** 3  
Prerequisite: PUA 170 or consent of instructor. An overview of the working of governmental agencies and analysis of selected public issues of the Commonwealth of Kentucky.
- PUA 406: Public Information** 3  
Prerequisite: PUA 170 or consent of instructor. A study of the functions of specialized government agencies involved in communication with news media and the general public.
- PUA 491: Internship** 3  
Content determined by instructor. Practicum experience based on the interest of students and availability of placement openings in public sector agencies. May be repeated once.
- PUA 495: Directed Study** 3  
Prerequisite: Senior classification or consent of the dean. An organized course of readings, oral and written reports, and examinations arranged by a faculty member whose areas of specialization coincides with the student's interest.
- PUA 497: Special Topics** 3  
Prerequisite: Senior classification or consent of instructor. A seminar for the discussion of special topics in public administration. May be repeated once.

- PUA 499: Senior Seminar (RTWE)** 3  
Prerequisite: Senior classification or consent of the dean. A capstone experience for public administration majors. The seminar will integrate theory and research with practice.
- PUA 500: Perspectives on Public Administration** 3  
Provides conceptual perspectives on management in the public sector. Topics covered include public policy, organization theory, management, planning, financial management, leadership, and intergovernmental relations.
- PUA 501: Quantitative Methods** 3  
Prerequisite: PUA 500 or consent of instructor. A study of statistical measures from a managerial perspective and the use of social science package computer programs for doing statistical analyses.
- PUA 503: Research Methods and Policy Analysis** 3  
Prerequisite(s): PUA 500 and PUA 501, or consent of instructor. An introduction to skills and concepts useful for research involving analysis and evaluation of public policy and programs.
- PUA 504: Organization Theory** 3  
Prerequisite: PUA 500 or consent of instructor. Surveys the theories of complex organizations. Special emphasis will be placed on theories dealing with public bureaucracies.
- PUA 505: Introduction to Management Information Systems (MIS)** 3  
Prerequisite(s): PUA 500 and PUA 501, or consent of instructor. This course introduces the student to the terminology and tools of MIS. The theoretical background is based in operations research, management science, and computer science.
- PUA 506: Public Personnel Management** 3  
Prerequisite: PUA 500 or consent of instructor. Provides students with an overview of personnel management concepts and focuses on various functions and laws which comprise the public personnel management.
- PUA 600: Seminar on American Administrative Institutions and Public Policies** 3  
Prerequisite(s): All core requirements or consent of the dean. This seminar is designed for extensive reading and critical discussions about American administrative institutions, political behavior, and public policies.
- PUA 601: Seminar on State Administration** 3  
Prerequisite(s): All core requirements or consent of the dean. Examines the managerial aspects of state administration; Considers the political and economic environments confronting administrators in state government.
- PUA 603: Seminar on Urban Administration** 3  
Prerequisite(s): All core requirements or consent of the dean. This advanced research seminar provides an analysis of managerial issues in urban public administration.
- PUA 604: Seminar on Rural Administration** 3  
Prerequisite(s): All core requirements or consent of the dean. Special emphasis will be on land use, transportation, agriculture, environment, and the management of decentralized services.
- PUA 605: Public Sector Economics** 3  
Prerequisite(s): PUA 500 and PUA 501, or consent of the dean. This course provides an introduction to microeconomics and macroeconomics. Emphasis is on the leading indicators and the institutions which shape public policy.

- PUA 606: Grantsmanship and Proposal Writing (RTWE)** 3  
Prerequisite(s): All core requirements or consent of the dean. A study of the technicalities and behavior patterns involved in writing grant proposals for government agencies and non-profit foundations. Hands-on experience in writing proposals provided.
- PUA 607: Budgeting in Government Agencies** 3  
Prerequisite: PUA 500 or consent of instructor. Applies budgetary principles and theories to the actual preparation of sample budget documents in the local, state, and federal agencies. Critical analysis of budget documents carried out in a series of classroom exercises. Use of computer program in budget preparation will be introduced.
- PUA 611: Seminar on Administrative Law** 3  
Prerequisite: PUA 500 or consent of instructor. Advance research in the field of administrative law. The course will emphasize case method.
- PUA 612: Personnel Law and Administration** 3  
Prerequisite(s): All core requirements or consent of the dean. Introduces students to varying regulations and concepts with which they must deal in administering the personnel functions of an organization.
- PUA 613: Labor Relations and Collective Bargaining** 3  
Prerequisite(s): All core requirements or consent of the dean. Introduces the student to labor/management relations. Compares the characteristics of the private and public sectors problems in public sector labor relations.
- PUA 614: Applied Human Relations** 3  
Prerequisite(s): All core requirements or consent of the dean. Applies human relations theory and practice to the public sector to develop a people-in-systems focus that will meet the needs of government workers.
- PUA 615: Personnel Assessment** 3  
Prerequisite(s): All core requirements or consent of the dean. Examines techniques used to make decisions concerning personnel selection, promotion, and performance appraisal. Documentation requirements, EEO concerns, and other issues affecting employee assessment are examined.
- PUA 624: Employee Assistance and Counseling** 3  
Prerequisite(s): All core requirements or consent of the dean. Examines personnel assistance activities. Topics include personal counseling and support, career development, out placement, and organized efforts to improve employee physical health.
- PUA 630: Seminar on Public Policy in Kentucky** 3  
Prerequisite(s): PUA 500 and PUA 631, or consent of the instructor. Advanced study of public policy issues in Kentucky. Applied research is emphasized.
- PUA 631: Seminar on Comparative and International Administration** 3  
Prerequisite(s): All core requirements or consent of the dean. Analyzes systems of public management and their political environment in selected countries of Africa, Asia, Europe, and Latin America.
- PUA 632: Seminar on Comparative Economic Systems** 3  
Prerequisite(s): All core requirements or consent of the dean. Surveys economic systems of Western, Communist, and less developed countries. Topics include economic problems of developing nations and the impact of global political and economic trends.

- PUA 633: Seminar on Development Administration** 3  
Prerequisite(s): All core requirements and PUA 631 and PUA 632 or consent of the dean. This course analyzes international development programs from managerial perspectives. Topics for discussion include program management, technology transfer, foreign aid, and administrative modernization.
- PUA 641: Seminar on Management Information Systems (MIS)** 3  
Prerequisite(s): All core requirements or consent of the dean. Topics include the use of computer hardware and software to retrieve data, manage data bases, model alternatives, and prepare reports.
- PUA 642: Decision Support Systems** 3  
Prerequisite(s): All core requirements and PUA 641 or consent of the dean. This course combines theory with the practical techniques of PERT, CPM, linear programming, modeling, "what if" analysis, break even analysis, and decision trees.
- PUA 680: Statistical Packages for Data Analysis** 3  
Prerequisite(s): All core requirements or consent of the dean. Explores reporting and data analysis capabilities of various software packages. Emphasizes research uses, particularly with large data bases.
- PUA 681: Applied Advanced Statistical Methods** 3  
Prerequisite(s): All core requirements or consent of the dean. Advanced study of statistical techniques to analyze public sector data using computer programs.
- PUA 683: Organizational Development** 3  
Prerequisite(s): All core requirements or consent of the dean. Studies the methodologies used for systematically bringing about organizational change and improvement. Application of research and theory from the behavioral and social sciences are emphasized.
- PUA 685: Ethics for Public Sector Management** 3  
Prerequisite(s): All core requirements or consent of the dean. Enables students to recognize ethical dilemmas in public sector management, develop their skills of ethical analysis, and to be aware of their own personal moral judgments.
- PUA 687: Advanced Topics in Public Administration** 3  
Prerequisite(s): All core requirements or consent of the dean. Focuses on issues of current interest in the public sector. Topics include the determination, review, and analysis of timely public affairs topics. May be repeated once.
- PUA 688: Seminar on Public Policy Analysis and Program Evaluation** 3  
Prerequisite(s): All core requirements or consent of the dean. Utilizes policy analysis and evaluation techniques to study public services, the quality of the environment, and provision of health care and social services.
- PUA 689: Directed Study** 3  
Prerequisite: Consent of the dean. Completion of an approved project designed to provide the student with an opportunity to develop an area of expertise not covered by the regular curriculum.
- PUA 691: Seminar on Personnel Management** 3  
Prerequisite(s): All core requirements or consent of instructor. Applied public sector personnel management as viewed from the theoretical, legal, and practical perspective. Special emphasis on the development of personnel policies and plans.
- PUA 692: Seminar on International Personnel Systems** 3  
Prerequisite: PUA 631 or consent of instructor. Analyses personnel systems and their managerial issues in the selected countries of Europe, Asia, Africa, and Latin America.

- PUA 693: Seminar on Organizational Behavior** 3  
Prerequisite: PUA 504 or consent of instructor. This seminar will analyze current research in the areas of organizational socialization, role analysis, and other areas of organizational behavior.
- PUA 695: Seminar on Public Communications** 3  
Prerequisite: Consent of the dean. Required of all students with limited or no previous work experience related to their specialty are in Public Administration as determined by the Public Administration. Must be repeated once.
- PUA 699: Internship in Public Administration** 3  
Prerequisite: Consent of the dean. Required of all students with limited or no previous work experience related to their specialty area in Public Administration as determined by the Public Administration faculty. Must be repeated once.
- PUA 797: Residence Credit for Thesis/Professional Project** 0  
MPA students who have already earned 6 semester credit hours in PUA 798 and 799 may be registered for this course which will enable them to use university resources for research.
- PUA 798: Professional Project** 3  
Prerequisite: Approval by a Public Administration faculty committee. Completion of a project approved by the committee involving direct participation in a government or volunteer agency, public interest group, or similar organization. Oral defense is required. Must be repeated once.
- PUA 799: Thesis (RTWE)** 3  
Prerequisite: Previous approval by a Public Administration faculty committee. Independent and original research on a specialized topic in Public Administration. Oral defense is required. Must be repeated once.

## RECREATION

- REC 101: Introduction to Recreation** 3  
Special attention is given to the history of recreation, principles of organization, finance, administration, and supervision.
- REC 201: Recreational Games and Sports** 3  
Prerequisite: REC 101 or approval of chairperson. The theory and practice of teaching recreational games and sports needed in developing sound recreational programs.
- REC 322: Recreation for Special Populations** 3  
Prerequisite: REC 101 or approval of chairperson. Introduces students to the philosophy, objectives, and basic concepts of recreation for the handicapped and aged.
- REC 343: Organization and Administration of Playgrounds and Recreation** 3  
Focuses on city problems as related to play and recreation, planning, authority and responsibility, programs, leagues, tournaments, equipment, supplies, and public relations.
- REC 364: Camping and Camp Counseling** 3  
Prerequisite: REC 101 or approval of chairperson. Includes theories and philosophies of camping and camp counseling. Emphasis on organizing and administering practical experiences in camping.
- REC 390: Recreation Clinical Experience** 3  
Prerequisites: ART 102, REC 101, REC 201, REC 322, and senior classification. Course provides clinical experience in recreation dealing specifically with special populations.



**REC 400: Recreation Field Experience** 3  
Prerequisites: REC 101, REC 201, REC 322, and junior classification. Students engage in supervised leadership experiences in recreation agencies.

## RELIGIOUS STUDIES

**REL 201: Topics in Religion** 3  
A survey of various questions and topics of the world's major religious traditions. Emphasizes historical, anthropological, and symbolic analysis and understanding.

## REAL ESTATE

**RES 101: Principles of Real Estate (RTWE)** 3  
Introduction to areas of real estate as a professional field, including brokerage, agreements of sales, deeds, financing of real estate, mortgages, judgments, valuation appraisals and license law.

**RES 102: Real Estate Marketing (RTWE)** 3  
Covers ownership rights, liens, taxes, assessments, and other claims on real property.

**RES 104: Real Estate Law (RTWE)** 3  
Equips students with an understanding of legal principles governing real estate transactions with attention to sales, contracts, deeds, mortgages, title insurance, taxes, community property, and homestead law.

**RES 201: Real Estate Valuation (RTWE)** 3  
Introduction to the real estate market, including land values, construction costs, residential and commercial appraisals, and transactions of rental income into present value.

## SCIENCE

**SCI 095: Science Process Skills** 3  
Hands-on activities conveying the skills of observation, inference, communication, measurement, classification, identification of variables, prediction, hypothesis formation, experimentation, and data analysis. (Does not count toward any degree requirements.)

## SOCIOLOGY

**SOC 203: Principles of Sociology** 3  
Survey of the basic principles and concepts of sociology.

**SOC/SOW/POS/PSY 300: Statistics for the Behavioral and Social Sciences.** 3  
Prerequisite: A background in basic algebra. This course serves as an introduction to the use of statistics as a method of describing and analyzing data from research in the behavioral and social sciences.

**SOC/SOW/POS/PSY 301: Research Methods for the Behavioral and Social Sciences** 3  
Prerequisite: SOC/PSY/POS/SOW 300 or consent of instructor. Introduces the basic logic, knowledge, and skills of research design and methodology in the behavioral and social sciences.

**SOC 303: Cultural Anthropology** 3  
Prerequisite: SOC 203. Introduction to the scientific study of human culture; the examination of the ecological, historical, and evolutionary foundations of culture.

**SOC 304: Race and Ethnic Relations** 3  
Prerequisites: SOC 203, HIS 101, and HIS 102. A sociological analysis of modern race and ethnic relations with attention given to black-white interaction, race prejudice, discrimination, cultural differences, and socio-cultural dynamics.

**SOC 305: Contemporary Social Problems** 3  
Prerequisite: SOC 203. An examination of social issues and conflicts of society from a sociological perspective.

**SOC 312: The Sociology of Poverty** 3  
Prerequisite: SOC 305. Investigation of the socio-cultural factors that contribute to poverty and deprivation in rural and urban settings.

**SOC 314: Demography** 3  
Prerequisites: SOC 203 and SOC 300. Examination of the factors that affect growth, size, composition, and distribution of human populations; the components of population change and their relationship to socio-cultural variables.

**SOC 320: Social Stratification** 3  
Prerequisite: SOC 203 or consent of instructor. Study of systems of social ranking in societies. Attention is focused on social classes in American societies and the distribution of power, prestige, and privileges.

**SOC 343: Juvenile Delinquency** 3  
Prerequisite: SOC 203. The prerequisite may be taken concurrently. Study of the causes of delinquency as revealed through personal, family, and community-situational conditions.

**SOC 350: Urban Sociology** 3  
Prerequisite: SOC 203. The prerequisite may be taken concurrently. Examination of social processes, including the emergence of leadership, the structure of authority, and the differentiation between and among urban institutions.

**SOC/PSY 403: Social Psychology** 3  
Prerequisite(s): PSY 200 and SOC 203, or consent of instructor. A study of social and individual dynamics, social roles, attitude formation and change with emphasis on behavioral variation and social control.

**SOC 405: Sociological Theory** 3  
Prerequisite: Junior classification in Sociology. The social, cultural, and intellectual foundations of sociological theory.

**SOC 423: Criminology** 3  
Prerequisite: SOC 203. The latter prerequisite may be taken concurrently. A study of criminology from the classical schools to the present, with special units on the professional criminal and white collar crime.

**SOC 428: Applied Sociology** 3  
Prerequisite: Junior classification in Sociology. Examination of a broad range of perspectives for the application of sociological principles and techniques to human environmental problems and conditions.

**SOC 431: Social Change** 3  
Prerequisites: SOC 203 and 9 additional semester credit hours earned in upper-level Sociology courses. Open to seniors only. A seminar in which students present and defend, independently, developed projects on the dynamics of change.

**SOC 490, 491, 492: Sociological Practicum I, II, III** 1-6  
Prerequisite: Consent of instructor. A directed reading, research or pre-professional working-learning experience for selected students in sociology.

## SOCIAL WORK

**SOW 201: Career Choices in the Human Service Professions** 3  
An overview of professional practice for potential Social Work majors. Exposes students to various professional roles and encourages examination of Social Work as a career.

**SOW/POS/PSY/SOC/300: Statistics for the Behavioral and Social Sciences** 3

Prerequisite: A background in basic algebra. This course serves as an introduction to the use of statistics as a method of describing and analyzing data from research in the behavioral and social sciences.

**SOW/POS/PSY/SOC/301: Research Methods for Behavioral and Social Sciences** 3

Prerequisite: POS/PSY/SOC/SOW 301. Introduces the basic logic, knowledge, and skills of research design and methodology in the behavioral and social sciences.

**SOW 306: Human Behavior I** 3

Prerequisite: SOW 201 or consent of instructor. Analyzes the development and behavior of persons from conception through young adulthood: biological, psychological, social, and cultural factors are examined.

**SOW 307: Human Behavior II** 3

Prerequisite: SOW 306 or consent of instructor. A continuation of Human Behavior I, this course examines human growth and development from middle-adulthood through old age.

**SOW 308: Dynamics of Marriage and the Family** 3

Prerequisite: SOC 203 or consent of instructor. An examination of diversity and change in marriage, family life, and women's roles and status, identifying areas of concern to helping professionals.

**SOW 310: Foundations of Social Work Practice (RTWE)** 3

Prerequisite: SOW 201 or consent of instructor. Provides the theoretical foundation for generalist practice, applying systems thinking to activities in the human services. Examines Social Work functions and tasks for effective service delivery.

**SOW 314: Basic Skills for Human Services Professions** 3

Prerequisite: SOW 310 or consent of instructor. Provides students an opportunity to develop skills in communication, interviewing, purposeful observation, recording, problem identification, and record keeping.

**SOW 315: Advanced Skills in Social Work Methods** 3

Prerequisites: SOW 308 and SOW 314. Development of techniques and skills in problem-solving with families, groups, communities, and organizations. Selected frameworks for Social Work intervention are explored.

**SOW 321: Social Welfare Policies, Issues, and Programs I** 3

Prerequisite: SOW 201 or consent of instructor. Historical and philosophical development of social welfare as an institution and social work as a profession. Policy structures of public and private agencies are examined.

**SOW 322: Social Welfare Policies, Issues, and Programs II** 3

Prerequisite(s): SOW 310 and SOW 321, or consent of instructor. Analysis and interpretation of social welfare policies, programs and issues. Examines the influence of movements, ideologies, political conditions, and sociocultural attitudes on social welfare.

**SOW 422: Field Instruction I** 6

Prerequisite: Admission to Social Work Program. An educational experience under faculty direction in an approved social service agency. Students work approximately 24 hours per week providing services to various client systems.

**SOW 423: Social Work Seminar I (RTWE)** 3

Prerequisites: SOW 322 and consent of faculty. Corequisite: SOW 422. Students integrate knowledge, values, and skills learned in the classroom with their practice experience in an agency.

**SOW 424: Field Instruction II** 6

Prerequisites: SOW 422, SOW 423, and consent of faculty. Under faculty supervision, students work 24 hours per week in an approved social service agency.

**SOW 425: Social Work Seminar II (RTWE)** 3

Prerequisites: SOW 422, SOW 423, and consent of faculty. Taken in conjunction with SOW 424. Students are offered an opportunity to refine skills in problem-solving as a final preparation for professional practice.

**SOW 430: Child Welfare Services** 3

An historical analysis of child welfare as an institution and an in-depth study of programs, policies, practices, and their impact on children, youth, and families.

## SPANISH

**SPA 101: Elementary Spanish I (RTWE)** 3

An introductory Spanish course with emphasis on the spoken language: pronunciation, grammar, vocabulary building, drills, and readings. (Laboratory practice)

**SPA 102: Elementary Spanish II (RTWE)** 3

Prerequisite: SPA 101. Continuation of Spanish 101 with emphasis on pronunciation, oral expression, and reading. (Laboratory practice)

**SPA 201: Intermediate Spanish I (RTWE)** 3

Prerequisite: SPA 102. More advanced work in conversation, composition, reading, and translation. (Laboratory practice)

**SPA 202: Intermediate Spanish II (RTWE)** 3

Prerequisite: SPA 201. Continuation of SPA 201 with greater emphasis on conversation, reading, and composition. (Laboratory practice)

**SPA 203: Spanish for Communication I (RTWE)** 3

Prerequisite: SPA 202. Seeks to develop more advanced skills of listening, comprehension, speaking, writing, and reading. (Laboratory practice)

**SPA 204: Spanish for Communication II (RTWE)** 3

Prerequisite: SPA 203. A continuation of SPA 203. Provides additional oral and written practice requiring the use of idiomatic Spanish. (Laboratory practice)

**SPA 301: Survey of Spanish Literature to 1700 (RTWE)** 3

Prerequisite: SPA 202. A study of Spanish literature from its beginning to 1700. Includes representative writers and works, history of ideas, and foreign influences.

**SPA 302: Survey of Spanish Literature since 1700 (RTWE)** 3

Prerequisite: SPA 202. Continuation of SPA 301. A study of Spanish literature from 1700 to the contemporary period. Includes representative writers and movements.

**SPA 311: Advanced Spanish Composition (RTWE)** 3

Prerequisite: SPA 202. Intensive review of special grammatical constructions — verbs, idioms, tenses, prepositions, etc., with emphasis on correct expression of ideas.

**SPA 312: Advanced Spanish Conversation (RTWE)** 3

Prerequisite: SPA 202. Intensive conversational practice designed to develop fluency, clarity, and precision in the oral expression of ideas.

**SPA 313: Spanish for the Professions (RTWE)** 3

Prerequisite: SPA 204. An advanced course in oral and written Spanish needed in the most common professions: health occupations, business, education, law, etc. (Laboratory practice)

**SPA 403: Spanish Civilization (RTWE)** 3  
Prerequisite: SPA 202. Study of Spanish civilization from 1700 to the present. Special readings and reports. Conducted partly in Spanish.

**SPA 404: The Civilization of Ibero-America (RTWE)** 3  
Prerequisite: SPA 202. A study of social, economic, cultural, and political life and institutions of Spanish America and Brazil from the pre-Columbian period to the present.

## SPEECH

**SPE 103: Interpersonal Communication** 3  
The verbal and non-verbal aspects of human communication. Emphasis is placed on roles played by self-esteem, perception, trust, conflict, language, values, etc.

**SPE 200: Public Speaking** 3  
Prerequisite: SPE 103. Deals with the preparation, delivery, and evaluation of speeches. Emphasis is placed upon the impromptu, the extemporaneous, and the written speech.

**SPE 201: Group Discussion and Debate** 3  
The theory and practice of small and large group discussion, and formal and informal debate strategies, emphasizing the individual's role within the group and on debate.

**SPE 302: Interracial/Intercultural Communication** 3  
Prerequisite: SPE 103. The study of communication strategies in different cultural and racial groups.

**SPE 304: Oral Interpretation** 3  
Prerequisite: SPE 103. Designed to equip the student with techniques for effective oral interpretation of such literature as the Bible, the Classics, dramatic literature, and poetry.

**SPE 310: Persuasive Speaking** 3  
Prerequisite: SPE 103. The study of the rhetorical aspects of speech in persuasive styles. Emphasis is placed on gathering, structuring, and orally presenting persuasive data.

**SPE 315: Voice and Diction** 3  
Prerequisite: SPE 200. A basic course offered to acquaint the student with the social, physiological, psychological, phonetic, and linguistic bases of speech communication.

**SPE 401: Institutional Communication** 3  
Prerequisite: Consent of faculty. Designed to acquaint the students with organizational structures and how they develop internal and external communication systems.

**SPE 402: Public Relations** 3  
Prerequisite: Consent of faculty. Study of public relations concepts. Students are given the opportunity to practice public relations theory in a variety of activities and organizations.

## TEXTILES, CLOTHING, AND MERCHANDISING

**TCL 101: Introduction to Fashion Merchandising** 3  
Overview of the profession including career options, topics and trends within the industry.

**TCL 212: Apparel Quality Analysis** 3  
Study of the influence that design, textiles, and production techniques have on the performance, appearance, and quality of apparel and accessories. (Lecture and demonstrations)

**TCL 221: Textiles I** 3  
Consumer-oriented study of textiles, emphasizing fibers, fabric construction, and finishes in relation to use, serviceability, and care of apparel and household fabrics. (Lecture and laboratory)

**TCL 222: Textiles II** 3  
Prerequisite: TCL 221. A continuation of TCL 221. Individualized laboratory examination of fibers, yarns, fabrics, and finishes. (Lecture and laboratory)

**TCL 231: Introduction to Design** 3  
Elements and principles of design, and application to contemporary apparel design and production. An analysis of the relationship of design to figure type, personality, color, and fabrication. (Lecture and practical experiences)

**TCL 311: Social and Psychological Aspects of Clothing (RTWE)** 3  
A study of cultural, aesthetic, functional, and technical factors which determine the meaning and use of clothing and textiles by individuals and society.

**TCL 318: Historic Costume** 3  
A study of the development of costume from ancient times to the present. (Lecture)

**TCL 337: Fashion Analysis** 3  
The study and analysis of the dynamic nature of fashion and the interacting forces which shape fashion trends in apparel. (Lecture)

**TCL 342: Fashion Merchandising** 3  
Prerequisites: Completion of all course requirements in major and specialization area curricula through the junior level. The analysis of fashion merchandising practices and problems focusing on application of decision mechanisms. Lectures, tours, and related experiences.

**TCL 410: Practical Problems and Field Experience** 12  
Prerequisites: Successful completion of all coursework through the junior level and consent of instructor. One semester with or without pay in a related business or industry setting. Formal instruction and supervision are provided. Scheduled by prearrangement only.

## THEATRE

**THE 107, 207, 307, or 407: Theatre Practicum I-IV** 1  
Practical, supervised work with actual theatre productions. May be selected as performance or technical practicum in accordance with casting and other needs of stage productions.

**THE 200: Introduction to Dance** 3  
A survey of the history and aesthetics of dance in relation to society and to the other arts. Includes instruction in basic dance techniques.

**THE 204: Introduction to Theatre** 3  
Through readings, lectures, demonstrations, and active participation behind the scenes in an actual production, the student becomes familiar with theatre history, design, and tradition.

**THE 210: World Drama** 3  
Prerequisite: ENG 211. Study of western world dramatic literature from antiquity to Ibsen. Emphasis is on works which are examples of the major periods of drama.

**THE 220: Modern Drama** 3  
Prerequisite: THE 210. A study of dramatic literature from Ibsen to the present, illustrating the literary, historical, and social development of the modern era.

**THE 250: Acting** 3  
Laboratory class in the fundamentals, techniques, and practice of stage credibility and acting, emphasizing development of relaxation, self-exploration, stage presence, and other acting skills.

**THE 260: Music Theatre I** 3  
Prerequisite: THE 250. Development of skills in energizing, concentrating, and structuring. Energy concepts include physical, vocal, mental, and emotional energy. Concentrating concepts includes conceptualization and imagination.

**THE 300: Interpretive Dance** 2  
Prerequisite: THE 200 or consent of instructor. Theory and practice of techniques and composition. Emphasis is placed on execution of dance techniques for theatrical productions.

**THE 305: Theatre History** 3  
Prerequisite: THE 204. A survey of theatre from its primitive origins through the emergence of modern drama. Study of content and trends in dramatic literature and play production.

**THE 360: Music Theatre II** 3  
Prerequisite: Audition. A continuation of skills stressed in Music Theatre I. Emphasis on singing, moving, isolation of vocal mechanisms, physical response, reflecting, and rhythmic patterns.

**THE 380: Play Directing** 3  
Prerequisite: THE 250. A study of play direction and play analysis, blocking, line learning, and correct character portrayal. Students prepare a prompt book which details the director's plans.

**THE 404: Stage Craft** 3  
Study and guided practice in the theory, principles, techniques, materials, and development through plans of scene and lighting design for the contemporary theatre.

**THE 408: Black Theatre** 3  
Prerequisite: THE 204. Study of goals, careers, problems, dreams, and accomplishments of Black playwrights, actors, directors, choreographers, designers, critics, and theatre groups.

**THE 410: Seminar in Theatre** 2  
Prerequisite: Consent of faculty. Examination and discussion of the styles of theatre practices with special emphasis on elements of production relating to stylistic conception.

## WHITNEY YOUNG COLLEGE

**WYC 101: Texts and Contexts I** 4  
Lectures and discussions focussing on history and ideas from ancient times through the high Middle Ages. Extensive reading in primary materials by Biblical authors, Plato, Sophocles, St. Augustine, Dante, Chaucer, and others.

**WYC 102: Texts and Contexts II** 4  
A continuation of WYC 101, but dealing with history and ideas from the Renaissance to the 20th century. Reading and discussion of works by Shakespeare, Machiavelli, Rousseau, Mill, Melville, Martin Luther King, Jr., and others.

**WYC 111: Language I Greek** 4  
Study of grammatical structure and translation of selections from Greek authors. Regular work on English composition is also assigned.

**WYC 112: Language II Greek** 4  
Prerequisite: WYC 111. Continuation of work of WYC 111, further developing translation skills. English composition exercises are integrated into the study of Greek.

**WYC 115: Language I Latin** 4  
Study of Latin grammar. Translation of simpler Latin texts. Consideration of the nature and philosophy of language, and work on English composition.

**WYC 116: Language II Latin** 4  
Prerequisite: WYC 115. Continuation of the work of WYC 115, with greater emphasis on translation.

**WYC 121: Mathematics-Science I** 4  
Euclid's Elements. Properties of straight lines, triangles, and circles; application of areas; theories of ratio and number.

**WYC 122: Mathematics-Science II** 4  
Prerequisite: WYC 121. Conclusion of Euclid's Elements: incommensurable numbers and solid geometry. Selections from Ptolemaic and Copernican astronomy. Discussion of the nature of science.

**WYC 131: Beginning Classical Greek I** 3  
Ancient Greek. The same course as WYC 111, except without the English composition component. This course fulfills 3 semester credit hours of the University's foreign language requirement. Open to non-WYC students.

**WYC 132: Beginning Classical Greek II** 3  
Prerequisite: WYC 131. The same as WYC 112, with the exception of the English composition. Open to non-WYC students.

**WYC 201: Love Seminar** 4  
Two seminar meetings per week to discuss major texts, ancient and modern, dealing with the nature of desire and its objects. The readings will include works by Jane Austen, Flaubert, the Romantic poets, the Greek dramatists, modern psychologists, and medieval writers. Open to non-WYC students.

**WYC 202: Justice Seminar** 4  
Close reading and discussion, twice per week, of ancient, medieval, and modern texts dealing with the nature of justice and the problems of its realization in historical life. Among the books to be discussed will be works by Plato, Aquinas, Rousseau, Marx, and others. Open to non-WYC students.

**WYC 211: Language III** 4  
Prerequisite: WYC 112. Close reading of English literature from Anglo-Saxon times through the 17th century. Extensive work on advanced composition.

**WYC 212: Language IV** 4  
Prerequisite: WYC 211. Close reading of English literature from the eighteenth to the twentieth century. Extensive work on advanced composition.

**WYC 221: Mathematics-Science III** 4  
Prerequisite: WYC 122. Early modern physics and the calculus. Readings from Galileo, Descartes, Newton, Huygens, Leibniz and others. Laboratory exercises and calculus manual.

**WYC 222: Mathematics-Science IV** 4  
Prerequisite: WYC 221 or consent of instructor. Early modern physics and calculus continued, reading Kepler, Galileo, Descartes, Newton, and others. Laboratory exercises.

**WYC 231: Great Lives** 4  
Reading, discussion, and lectures focussed upon the distinctive features of the lives of outstanding men and women. The readings are mainly comprised of biographies and autobiographies, some history, and works of fiction which help illuminate the concept of the heroic individual. Open to non-WYC students.



- WYC 232: Comparative Cultures** 4  
The course is designed to elucidate the nature of culture and of particular cultures, considering a great variety of cultural forms and practices. Reading and discussion of various European, African, and Oriental cultures. Open to non-WYC students.
- WYC 241: Intermediate Classical Greek I** 3  
Prerequisites: WYC 112 and consent of instructor. Reading and translation of authors such as Plato, Xenophon, and Demosthenes. Open to non-WYC students.
- WYC 242: Intermediate Classical Greek II** 3  
Prerequisites: WYC 241 and consent of instructor. Reading and translation of a play by Sophocles or Euripides. Open to non-WYC students.
- WYC 301: Knowledge Seminar** 4  
Close reading and critical discussion of major works which attempt to define the foundations, nature, and scope of knowledge in its many different forms—common sensical, scientific, religious, existential, mythological, esthetic, and so on. Works by Descartes, Kant, Aquinas, Nietzsche, and others will be studied. Open to non-WYC students.
- WYC 302: Psyche Seminar** 4  
Two seminar meetings per week devoted to the discussion of major works dealing in various ways with the nature of the human mind. The reading will include not only modern psychological theory, but classical, medieval, and early modern discussions by dramatists, poets, theologians, and philosophers. Open to non-WYC students.
- WYC 311: Language V** 4  
Prerequisite: WYC 212. A study of rhetoric, beginning with classical rhetorical theory and proceeding to the reading of modern rhetorical classics. Open to non-WYC students.
- WYC 321: Mathematics-Science V** 4  
Prerequisite: WYC 222 or consent of the instructor. Optics. Readings from Newton, Huygens, Young, and Fresnel. Laboratory exercises. Topics include reflection, refraction, color phenomena, interference, and diffraction. Open to non-WYC students.

- WYC 331: Preceptorial I** 3  
Intensive analytical work on texts chosen by tutors to complement the regular work in seminars and tutorials. Significant compositional work will be assigned. Open to non-WYC students.
- WYC 332: Preceptorial II** 3  
Intensive analytical work on texts chosen by tutors to complement the regular work in seminars and tutorials. Significant compositional work will be assigned. Open to non-WYC students.
- WYC 401: Being Seminar** 4  
Careful reading and discussion of major texts which deal with the problem of the ultimate ground and foundation of reality. Religious interpretations, mythological representations, as well as classical and modern metaphysics are examined in two seminar discussions per week. Open to non-WYC students.
- WYC 421: Mathematics-Science VI** 4  
Prerequisite: WYC 321. Major issues and methods in the social sciences. Readings from eighteenth and nineteenth century social philosophers and in contemporary critical essays. Open to non-WYC students.
- WYC 431: Preceptorial III (RTWE)** 3  
Intensive analytical work on texts and topics chosen by tutors to complement the regular work in the seminars and tutorials. Extensive writing expected. Open to non-WYC students.
- WYC 432: Preceptorial IV (RTWE)** 3  
Intensive analytical work on texts and topics chosen by tutors to complement the regular work in the seminars and tutorials. Extensive writing expected. Open to non-WYC students.
- WYC 441: Senior Essay (RTWE)** 3  
Independent study leading to an essay of significant proportions on a topic chosen by the student and two tutors. Regular supervision of progress.

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Members	Date term expires
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Governor Edward T. Breathitt <i>Lexington, Kentucky</i>	January 1, 1992
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Dr. Richard Taylor (Faculty Regent) <i>Frankfort, Kentucky</i>	October 16, 1992

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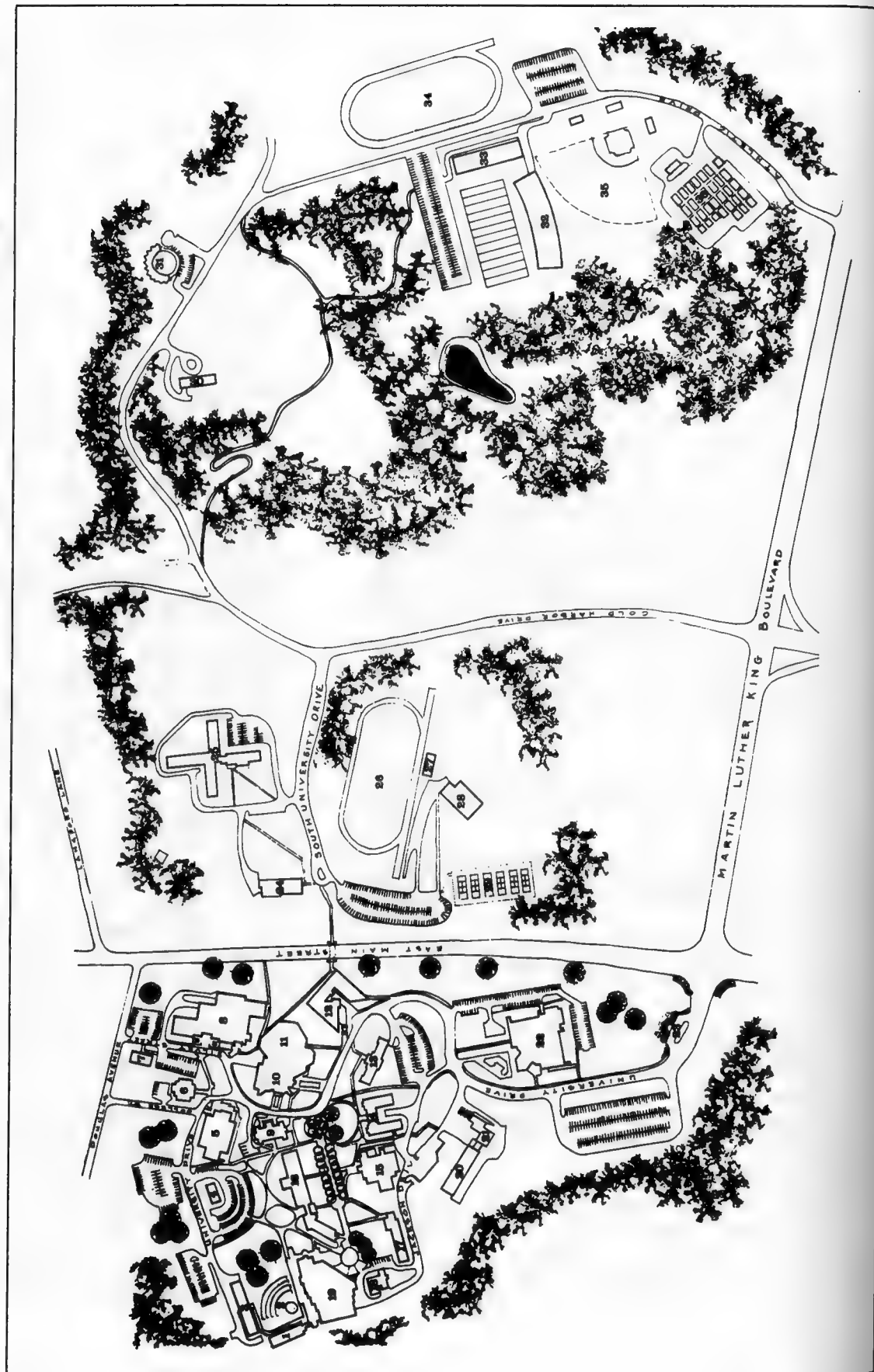
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# University Map

## Numerical Listing

- |   |  |    |  |    |                               |
|---|--|----|--|----|-------------------------------|
| 1 | Combs Hall                                 | 10 | Hill Student Center                          | 27 | Jones Field House             |
| 2 | Amphitheater                               | 11 | Underwood Cafeteria                          | 28 | Shauntee Hall                 |
| 3 | McCullin Hall                              | 12 | Hathaway Hall                                | 29 | Tennis Courts                 |
| 4 | Business Annex                             | 13 | Chandler Hall                                | 30 | Hillcrest (President's house) |
| 5 | Bel Health and Physical Education Building | 14 | Kentucky Hall                                | 31 | Russell Court Apartments      |
| 6 | Betty White Health Center                  | 15 | Atwood Agricultural Research Facility        | 32 | Alumni Stadium                |
| 7 | Alumni House                               | 16 | Carver Hall                                  | 33 | Alumni Stadium                |
| 8 | Bradford Hall                              | 17 | Hunter Hall                                  | 34 | Dressing Room Building        |
| 9 | Hume Hall                                  | 18 | Jackson Hall                                 | 35 | Track and Field Complex       |
|   |  | 19 | Blazer Library                               | 36 | Aquaculture Research Center   |
|   |  | 20 | Jordan Heating/Chilled Water Plant           |    |                               |
|   |  | 21 | Jordan Maintenance/Warehouse Building        |    |                               |
|   |  | 22 | Carroll Academic Services Building           |    |                               |
|   |  | 23 | Information Center                           |    |                               |
|   |  | 24 | Rosenwald Early Childhood Development Center |    |                               |
|   |  | 25 | Young Hall                                   |    |                               |
|   |  | 26 | Practice Field                               |    |                               |



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